



NumberSense: Manipulating Numbers

Workbook 5

This guide contains suggested activities linked to each page in the corresponding NumberSense Workbook.

Questions are asked in such a way that they should reveal certain patterns that children need to discover. In this guide, there are dedicated intervals in which to ask the children questions such as, "What do you notice?" or "Can you explain how you got your answer?" These questions are to prompt the children to think about and reflect on their answers. The children's ability to reflect on their own thinking is critical during the learning process. This is a skill that needs to be fostered by the teacher. As the children gain confidence in their own ability, teachers should encourage them to verbalise their understanding and explain their thinking. Remember that children might notice patterns, or use strategies that were not the particular intent of the activity. This does not mean that the children are wrong; the teacher must discern between mathematically correct responses, and those that are not acceptable. This should then be discussed with the children.

Teachers could have the number line for the children to use as a reference. As the children gain more confidence, the teacher may want to omit the visual cue of the number line and have the children answer the questions mentally. Similarly, children may use the beans in order to visualise the question (especially with grouping and doubling). The goal, however, is for the children to answer the questions mentally using appropriate strategies.

The number range of the questions in this guide is generally higher than the questions on the corresponding page. Teachers should be sensitive to the level of the children in their focus group and should adjust the questions asked to a suitable number range.

Using this Guide

Below is an excerpt from the guide. The blue column contains the information/questions the teacher would ask during the manipulating numbers routine. The answers to the questions can be found in the green column. If a child gives the incorrect response, teachers must use the opportunity to clarify their understanding.

						What the teacher would say		What the child would say
Question Number		Description of activities	ror i edcher's Neterence	ຄິນo		Verbal question to be asked by the teacher	Child's response (If incorrect, teacher must use the opportunity to clarify the child's understanding)	
	Single Digit Arithmetic Arithmetic with Multiples	of 10 Completing the 10s	Bridging the 10s	Doubling & Halving	Multiplication Facts	NumberSense Book 5: Page 1		
1						What is 5 plus 3?	5 + 3 =	8
2						What is 4 plus 3?	4 + 3 =	7
3						What is 3 plus 3?	3 + 3 =	6

Please refer to the NumberSense Workbook Series Teacher Guide on Counting, Manipulating Numbers and Solving Problems pages 23-41 for a detailed description of the manipulating numbers activities.

	Single Digit Arithmetic	Arithmetic with Multiples of 10	Completing the 10s	Bridging the 10s	Doubling & Halving	Multiplication Facts	NumberSense Book 5: Page 1		
1							What is 5 plus 3?	5 + 3 =	8
2							What is 4 plus 3?	4 + 3 =	7
3							What is 3 plus 3?	3 + 3 =	6
4							What is 2 plus 3?	2 + 3 =	5
5							What is 1 plus 3?	1 + 3 =	4
6							What is 5 minus 2?	5 - 2 =	3
7							What is 3 minus 2?	3 - 2 =	1
8							What is 7 minus 2?	7 - 2 =	5
9							What is 10 minus 2?	10 - 2 =	8
10							What is 4 minus 2?	4 - 2 =	2
11							What is 5 plus 3?	5 + 3 =	8
12							What is 500 plus 300?	500 + 300 =	800
13							What is 5000 plus 3000?	5000 + 3000 =	8000
14							What is 5 mil plus 3 mil?	5 mil + 3 mil =	8 mil
							"What do you notice?"		
15							What is 5 minus 3?	5 - 3 =	2
16							What is 500 minus 300?	500 - 300 =	200
17							What is 5000 minus 3000?	5000 - 3000 =	2000
18							What is 5 mil minus 3 mil?	5 mil - 3 mil =	2 mil
							"Explain how you got your answer."		
19							What is 1 doubled?	1 doubled =	2
20							What is 2 doubled?	2 doubled =	4
21							What is 20 doubled?	20 doubled =	40
22							What is 3 doubled?	3 doubled =	6
23							What is 30 doubled?	30 doubled =	60
							"What do you notice?"		
24							What is 4 doubled?	4 doubled =	8
25							What is 40 doubled?	40 doubled =	80

	Single Digit Arithmetic	Arithmetic with Multiples of 10	Completing the 10s	Bridging the 10s	Doubling & Halving	Multiplication Facts	NumberSense Book 5: Page 2		
1							How much is 2 groups of 10?		20
2							How much is 10 groups of 2?		20
3							How much is 4 groups of 10?		40
4							How much is 10 groups of 4?		40
5							How much is 5 groups of 10?		50
6							How much is 10 groups of 5?		50
							"Do you notice anything?"		
7							How much is 1 groups of 2?		2
8							How much is 2 groups of 2?		4
9							How much is 4 groups of 2?		8
10							How much is 8 groups of 2?		16
							"What do you notice?"		
11							How much is 2 groups of 10?		20
12							How much is 2 groups of 5?		10
13							How much is 3 groups of 10?		30
14							How much is 3 groups of 5?		15
15							How much is 4 groups of 5?		20
16							How much is 5 groups of 5?		25
							"Explain how you got your answer."		
17							What is 5 doubled?	5 doubled =	10
18							What is 10 doubled?	10 doubled =	20
19							What is 1 doubled?	1 doubled =	2
20							What is 2 doubled?	2 doubled =	4
21							What is 10 doubled?	10 doubled =	20
22							What is 12 doubled?	12 doubled =	24
23							What is 4 doubled?	4 doubled =	8
24							What is 20 doubled?	20 doubled =	40
25							What is 24 doubled?	24 doubled =	48

	Single Digit Arithmetic	Arithmetic with Multiples of 10	Completing the 10s	Bridging the 10s	Doubling & Halving	Multiplication Facts	NumberSense Book 5: Page 3	((•))	
1							What is 1 plus 3?	1 + 3 =	4
2							What is 2 plus 3?	2 + 3 =	5
3							What is 3 plus 3?	3 + 3 =	6
4							What is 4 plus 3?	4 + 3 =	7
5							What is 6 plus 3?	6 + 3 =	9
6							What is 7 plus 3?	7 + 3 =	10
7							What number, plus 3 will give you 6? Explain.	+ 3 = 6	3
8							What number, plus 3 will give you 7? Explain.	+ 3 = 7	4
9							What number, plus 3 will give you 8? Explain	+ 3 = 8	5
10							What number, plus 3 will give you 5? Explain.	+ 3 = 5	2
11							What is 3 minus 2?	3 - 2 =	1
12							What is 6 minus 2?	6 - 2 =	4
13							What is 7 minus 2?	7 - 2 =	5
14							What is 10 minus 2?	10 - 2 =	8
15							What is 8 minus 2?	8 - 2 =	6
16							What is 9 minus 2?	9 - 2 =	7
17							What is 4 minus 3?	4 - 3 =	1
18							What is 5 minus 3?	5 - 3 =	2
19							What is 6 minus 3?	6 - 3 =	3
20							What is 7 minus 3?	7 - 3 =	4
21							What is 8 minus 3?	8 - 3 =	5
22							What number, minus 2 will give you 2? Explain	2 = 2	4
23							What number, minus 2 will give you 1? Explain.	2 = 1	3
24							What number, minus 2 will give you 5? Explain.	2 = 5	7
25							What number, minus 2 will give you 8? Explain.	2 = 8	10

	Single Digit Arithmetic	Arithmetic with Multiples of 10	Completing the 10s	Bridging the 10s	Doubling & Halving	Multiplication Facts	NumberSense Book 5: Page 4		
1							What is 5 plus 4?	5 + 4 =	9
2							What is 6 plus 4?	6 + 4 =	10
3							What is 7 plus 4?	7 + 4 =	11
<u>4</u>							What is 8 plus 4?	8 + 4 =	12
3							What is 9 plus 4?	9 + 4 =	13
_							"What do you notice?"		
6							What number, plus 3 will give you 8?	+ 3 = 8	5
7							What number, plus 3 will give you 7?	+ 3 = 7	4
8							What number, plus 3 will give you 5?	+ 3 = 5	2
9							What number, plus 4 will give you 8? Explain.	<u> </u>	4
10							What number, plus 4 will give you 10? Explain	<u> </u>	6
11							What number, plus 4 will give you 11? Explain.	+ 4 = 11	7
12							What number, plus 4 will give you 12?	+ 4 = 12	8
13							What number, plus 4 will give you 14?	+ 4 = 14	10
14							What number, plus 4 will give you 20? Explain.	+ 4 = 20	16
15							What is 6 minus 2?	6 - 2 =	4
16							What is 8 minus 2?	8 - 2 =	6
17							What is 9 minus 2?	9 - 2 =	7
18							What is 5 minus 2?	5 - 2 =	3
19							What is 15 minus 2?	15 - 2 =	13
20							What number, plus 3 will give you 5? Explain.	+ 3 = 5	2
21							What number, plus 3 will give you 6?	+ 3 = 6	3
22							What number, plus 3 will give you 8?	+ 3 = 8	5
23							What number, plus 4 will give you 9?	+ 4 = 9	5
24							What number, plus 4 will give you 13? Explain.	+ 4 = 13	9
25							What number, plus 4 will give you 14?	+ 4 = 14	10

	Single Digit Arithmetic	Arithmetic with Multiples of 10	Completing the 10s	Bridging the 10s	Doubling & Halving	Multiplication Facts	NumberSense Book 5: Page 5		
1							What is 5 more than 5?	5 + 5 =	10
2							What is 5 more than 10?	10 + 5 =	15
3							What is 5 more than 20?	20 + 5 =	25
4							What is 5 more than 40?	40 + 5 =	45
5							What is 5 more than 15?	15 + 5 =	20
6							What is 5 more than 25?	25 + 5 =	30
7							What is 5 more than 35?	35 + 5 =	40
8							What is 15 take away 5?	15 - 5 =	10
9							What is 35 take away 5?	35 - 5 =	30
10							What is 45 take away 5?	45 - 5 =	40
11							What is 20 take away 5?	20 - 5 =	15
12							What is 30 take away 5?	30 - 5 =	25
13							What is 50 take away 5?	50 - 5 =	45
							"What do you notice?"		
14							What is 5 more than 15?	15 + 5 =	20
15							What is 7 more than 15?	15 + 7 =	22
16							What is 7 more than 25?	25 + 7 =	32
17							What is 7 more than 35?	35 + 7 =	42
18							What is 7 more than 45?	45 + 7 =	52
							"Explain how you got your answer"		
19							What is 10 take away 7?	10 - 7 =	3
20							What is 12 take away 7?	12 - 7 =	5
21							What is 14 take away 7?	14 - 7 =	7
22							What is 15 take away 7?	15 - 7 =	8
23							What is 25 take away 7?	25 - 7 =	18
24							What is 35 take away 7?	35 - 7 =	28
25							What is 45 take away 7?	45 - 7 =	38

	Single Digit Arithmetic	Arithmetic with Multiples of 10	Completing the 10s	Bridging the 10s	Doubling & Halving	Multiplication Facts	NumberSense Book 5: Page 6		
1							What is 2 doubled?	2 doubled =	4
2							What is 3 doubled?	3 doubled =	6
3							What is 4 doubled?	4 doubled =	8
4							What is 5 doubled?	5 doubled =	10
5							What is 3 doubled?	3 doubled =	6
6							What is 30 doubled?	30 doubled =	60
7							What is 4 doubled?	4 doubled =	8
8							What is 40 doubled?	40 doubled =	80
9							What is 6 doubled?	6 doubled =	12
10							What is 60 doubled?	60 doubled =	120
							"What do you notice?"		
11							What is 7 doubled?	7 doubled =	14
12							What is 70 doubled?	70 doubled =	140
13							What is 80 doubled?	80 doubled =	160
14							What is 90 doubled?	90 doubled =	180
15							What is 2 doubled?	2 doubled =	4
16							What is 10 doubled?	10 doubled =	20
17							What is 12 doubled?	12 doubled =	24
18							What is 4 doubled?	4 doubled =	8
19							What is 20 doubled?	20 doubled =	40
20							What is 24 doubled?	24 doubled =	48
21							What is 30 doubled?	30 doubled =	60
22							What is 35 doubled?	35 doubled =	70
							"Explain how you got your answer."		
23							What is half of 60?	60 halved =	30
24							What is half of 80?	80 halved =	40
25							What is half of 70?	70 halved =	35

	Single Digit Arithmetic	Arithmetic with Multiples of 10	Completing the 10s	Bridging the 10s	Doubling & Halving	Multiplication Facts	NumberSense Book 5: Page 7		
1							What is 3 doubled?	3 doubled =	6
2							What is 6 doubled?	6 doubled =	12
3							What is 30 doubled?	30 doubled =	60
4							What is 60 doubled?	60 doubled =	120
							"What do you notice?"		
5							What is 30 doubled?	30 doubled =	60
6							What is 35 doubled?	35 doubled =	70
7							What number, subtract 8 will give you 10? Explain.	8 = 10	18
8							What number, subtract 8 will give you 11? Explain.	8 = 11	19
9							What number, subtract 8 will give you 12? Explain.	8 = 12	20
10							What number, subtract 8 will give you 13? Explain.	8 = 13	21
11							What number, subtract 8 will give you 14? Explain.	8 = 14	22
12							What number, subtract 4 will give you 10? Explain.	4 = 10	14
13							What number, subtract 4 will give you 12? Explain.	4 = 12	16
14							What number, subtract 4 will give you 14? Explain.	4 = 14	18
15							What number, subtract 4 will give you 16? Explain.	4 = 16	20
16							What is 5 plus 4?	5 + 4 =	9
17							What is 500 plus 400?	500 + 400 =	900
18							What is 5000 plus 4000?	5000 + 4000 =	9000
19							What is 5 mil plus 4 mil?	5 mil + 4 mil =	9 mil
20							What is 6 minus 2?	6 - 2 =	4
21							What is 600 minus 200?	600 - 200 =	400
22							What is 6000 minus 2000?	6000 - 2000 =	4000
23							What is 8 minus 3?	8 - 3 =	5
24							What is 800 minus 300?	800 - 300 =	500
25							What is 8 mil minus 3 mil?	8 mil - 3 mil =	5 mil

	Single Digit Arithmetic	Arithmetic with Multiples of 10	Completing the 10s	Bridging the 10s	Doubling & Halving	Multiplication Facts	NumberSense Book 5: Page 8		
1							What is 5 plus 1?	5 + 1 =	6
2							What must be added to 5 to get 6? Explain.	5 + 🗌 = 6	1
3							What is 3 plus 4?	3 + 4 =	7
4							What must be added to 3 to get 7? Explain.	3 + = 7	4
5							What is 5 plus 2?	5 + 2 =	7
6							What must be added to 5 to get 7?	5 + = 7	2
7							What is 8 plus 1?	8 + 1 =	9
8							What must be added to 1 to get 9?	1 + = 9	8
9							What is 9 plus 2?	9 + 2 =	11
10							What must be added to 9 to get 11?	9 + 🗌 = 11	2
11							What must be added to 4 to get 6?	4 + = 6	2
12							What must be added to 1 to get 6?	1 + = 6	5
13							What must be added to 2 to get 6?	2 + = 6	4
14							What must be added to 3 to get 6?	3 + = 6	3
15							What must be added to 6 to get 7?	6 + = 7	1
16							What must be added to 3 to get 7?	3 + = 7	4
17							What must be added to 4 to get 7?	4 + = 7	3
18							What must be added to 5 to get 7?	5 + = 7	2
19							What must be added to 2 to get 7? Explain.	2 + 🗌 = 7	5
20							What must be added to 7 to get 8?	7 + = 8	1
21							What must be added to 4 to get 8?	4 + = 8	4
22							What must be added to 5 to get 8? Explain.	5 + = 8	3
23							What must be added to 6 to get 10? Explain.	6 + = 10	4
24							What must be added to 5 to get 10?	5 + = 10	5
25							What must be added to 7 to get 10?	7 + 🗌 = 10	3

	Single Digit Arithmetic	Arithmetic with Multiples of 10	Completing the 10s	Bridging the 10s	Doubling & Halving	Multiplication Facts	NumberSense Book 5: Page 9		
1							What must be added to 4 to get 7?	4 + = 7	3
2							What must be added to 5 to get 8?	5 + = 8	3
3							What must be added to 6 to get 9?	6 + = 9	3
							"Explain how you got your answer."		
4							What must be added to 7 to get 10?	7 + = 10	3
5							What must be added to 8 to get 11?	8 + = 11	3
6							What must be added to 9 to get 12?	9 + = 12	3
7							What must be added to 14 to get 17?	14 + 🔲 = 17	3
8							What must be added to 15 to get 18?	15 + 🔲 = 18	3
9							What must be added to 16 to get 19?	16 + 🔲 = 19	3
10							What must be added to 17 to get 20?	17 + = 20	3
11							What number, plus 2 will give you 6? Explain.	<u> </u>	4
12							What number, plus 3 will give you 7?	+ 3 = 7	4
13							What number, plus 4 will give you 8?	+ 4 = 8	4
14							What number, plus 5 will give you 9?	+ 5 = 9	4
15							What number, plus 6 will give you 10?	<u> </u>	4
16							What number, plus 7 will give you 11? Explain.	+ 7 = 11	4
17							What number, plus 14 will give you 16? Explain.	<u> </u>	2
18							What number, plus 15 will give you 17?	+ 15 = 17	2
19							What number, plus 16 will give you 18? Explain.	<u> </u>	2
20							What number, plus 17 will give you 19?	+ 17 = 19	2
21							What must be added to 5 to get 10?	5 + = 10	5
22							What must be added to 10 to get 15?	10 + = 15	5
23							What must be added to 15 to get 20?	15 + = 20	5
24							What must be added to 20 to get 25?	20 + = 25	5

	Single Digit Arithmetic	Arithmetic with Multiples of 10	Completing the 10s	Bridging the 10s	Doubling & Halving	Multiplication Facts	NumberSense Book 5: Page 10		
1							What is 4 more than 4?	4 + 4 =	8
2							What is 4 more than 8?	8 + 4 =	12
3							What is 4 more than 12?	12 + 4 =	16
4							What is 4 more than 16?	16 + 4 =	20
5							What is 4 more than 20?	20 + 4 =	24
							"Do you notice anything?"		
6							What is 4 more than 24?	4 + 28 =	28
7							What is 4 more than 28?	4 + 32 =	32
8							What is 4 more than 32?	36 + 4 =	36
9							What is 4 more than 36?	40 + 4 =	40
10							What is 4 more than 40?	44 + 4 =	44
11							What is 4 more than 44?	48 + 4 =	48
12							What is 4 more than 48?	48 + 4 =	52
							"Explain how you got your answer."		
13							What must be added to 10 to get 11?	10 + 🗌 = 11	1
14							What must be added to 9 to get 11?	9 + = 11	2
15							What must be added to 8 to get 11?	8 + = 11	3
16							What must be added to 7 to get 11?	7 + = 11	4
17							What must be added to 6 to get 11?	6 + = 11	5
18							What must be added to 5 to get 11?	5 + = 11	6
19							What must be added to 4 to get 11?	4 + = 11	7
							"Explain how you got your answer."		
20							What must be added to 10 to get 13?	10 + 🗌 = 13	3
21							What must be added to 9 to get 13?	9 + = 13	4
22							What must be added to 8 to get 13?	8 + = 13	5
23							What must be added to 7 to get 13?	7 + = 13	6
24							What must be added to 6 to get 13?	6 + = 13	7
25							What must be added to 5 to get 13?	5 + = 13	8

	Single Digit Arithmetic	Arithmetic with Multiples of 10	Completing the 10s	Bridging the 10s	Doubling & Halving	Multiplication Facts	NumberSense Book 5: Page 11		
1							What must be subtracted from 9 to get 7?	9 - 🗌 = 7	2
2							What must be subtracted from 10 to get 8?	10 - 🔲 = 8	2
3							What must be subtracted from 12 to get 10?	12 - 🔲 = 10	2
4							What must be subtracted from 12 to get 8?	12 - 🔲 = 8	4
5							What must be subtracted from 13 to get 4?	13 - 🗌 = 4	9
6							What must be subtracted from 13 to get 10?	13 - 🗌 = 10	3
7							How much is 3 groups of 10?		30
8							How much is 5 groups of 10?		50
9							How much is 7 groups of 10?		70
10							How much is 2 groups of 10?		20
11							How much is 9 groups of 10?		90
12							How much is 8 groups of 10?		80
13							How much is 10 groups of 10?		100
14							How much is 20 groups of 10?		200
15							How much is 25 groups of 10?		250
16							How much is 27 groups of 10?		270
17							How much is 38 groups of 10?		380
18							How much is 40 groups of 10?		400
19							How much is 42 groups of 10? Explain.		420
20							How much is 4 groups of 10?		40
21							How much is 4 groups of 100?		400
22							How much is 4 groups of 1000?		4000
23							How much is 6 groups of 10?		60
24							How much is 6 groups of 100?		600
25							How much is 6 groups of 1000?		6000

	Single Digit Arithmetic	Arithmetic with Multiples of 10	Completing the 10s	Bridging the 10s	Doubling & Halving	Multiplication Facts	NumberSense Book 5: Page 12		
1							What is 2 plus 3?	2 + 3 =	5
2							What is 22 plus 3?	22 + 3 =	25
3							What is 32 plus 3?	32 + 3 =	35
4							What is 42 plus 3?	42 + 3 =	45
							"What do you notice?"		
5							What is 52 plus 3?	52 + 3 =	55
6							What is 62 plus 3?	62 + 3 =	65
7							What is 82 plus 3?	82 + 3 =	85
8							What is 122 plus 3?	122 + 3 =	125
9							What is 9 plus 3?	9 + 3 =	12
10							What is 29 plus 3?	29 + 3 =	32
11							What is 39 plus 3?	39 + 3 =	42
12							What is 59 plus 3?	59 + 3 =	62
13							What is 69 plus 3?	69 + 3 =	72
14							What is 89 plus 3?	89 + 3 =	92
15							What is 129 plus 3?	129 + 3 =	132
							"Explain how you got your answer."		
16							What number, plus 3 will give you 7?	+ 3 = 7	4
17							What number, plus 3 will give you 37? Explain.	+ 3 = 37	34
18							What number, plus 3 will give you 39?	+ 3 = 39	36
19							What number, plus 3 will give you 41? Explain.	+ 3 = 41	38
20							What number, plus 3 will give you 42? Explain.	+ 3 = 42	39
21							What number, plus 3 will give you 5?	+ 3 = 5	2
22							What number, plus 3 will give you 35? Explain.	+ 3 = 35	32
23							What number, plus 3 will give you 45? Explain	<u> </u>	42
24							What number, plus 3 will give you 55? Explain.	+ 3 = 55	52
25							What number, plus 3 will give you 65? Explain.	+ 3 = 65	62

	Single Digit Arithmetic	Arithmetic with Multiples of 10	Completing the 10s	Bridging the 10s	Doubling & Halving	Multiplication Facts	NumberSense Book 5: Page 13		
1							What is 4 more than 4?	4 + 4 =	8
2							What is 4 more than 8?	8 + 4 =	12
3							What is 4 more than 12?	12 + 4 =	16
4							What is 4 more than 16?	16 + 4 =	20
5							What is 4 more than 20?	20 + 4 =	24
							"Explain how you got your answer."		
6							What is 4 more than 24?	24 + 4 =	28
7							What is 4 more than 28?	28 + 4 =	32
8							What is 4 more than 32?	32 + 4 =	36
9							What is 4 more than 36?	36 + 4 =	40
10							What is 4 more than 40?	40 + 4 =	44
11							What is 1 doubled?	1 doubled =	2
12							What is 10 doubled?	10 doubled =	20
13							What is 2 doubled?	2 doubled =	4
14							What is 20 doubled?	20 doubled =	40
15							What is 100 doubled?	100 doubled =	200
16							What is 200 doubled?	200 doubled =	400
17							What is 1000 doubled?	1000 doubled =	2000
							"What do you notice?"		
18							What is 2000 doubled?	2000 doubled =	4000
19							What is half of 2?	2 halved =	1
20							What is half of 20?	20 halved =	10
21							What is half of 200?	200 halved =	100
22							What is half of 2000?	2000 halved =	1000
23							What is half of 4?	4 halved =	2
24							What is half of 400?	400 halved =	200
25							What is half of 4000?	4000 halved =	2000

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	Single Digit Arithmetic	Arithmetic with Multiples of 10	Completing the 10s	Bridging the 10s	Doubling & Halving	Multiplication Facts	NumberSense Book 5: Page 14		
1							What must be subtracted from 12 to get 2?	12 - 🗌 = 2	10
2							What must be subtracted from 12 to get 4?	12 - 🗌 = 4	8
3							What must be subtracted from 12 to get 6?	12 - 🗌 = 6	6
4							What must be subtracted from 12 to get 4?	12 - 🗌 = 4	8
5							What must be subtracted from 8 to get 5?	8 - 🗌 = 5	3
6							What must be subtracted from 10 to get 7?	10 - 🔲 = 7	3
7							What must be subtracted from 12 to get 9?	12 - 🗌 = 9	3
8							What must be subtracted from 13 to get 9?	13 - 🗌 = 9	4
9							What must be subtracted from 14 to get 9? Explain.	14 - 🗌 = 9	5
10							What must be subtracted from 15 to get 9?	15 - 🗌 = 9	6
11							How much is 1 group of 2?		2
12							How much is 1 group of 4?		4
13							How much is 2 groups of 2?		4
14							How much is 2 groups of 4?		8
15							How much is 10 groups of 2?		20
16							How much is 10 groups of 4?		40
17							How much is 20 groups of 2?		40
18							How much is 3 groups of 2?		6
19							How much is 3 groups of 4?		12
20							How much is 5 groups of 2?		10
21							How much is 5 groups of 4?		20
22							How much is 7 groups of 2?		14
23							How much is 7 groups of 4?		28
24							How much is 12 groups of 4?		48
25							How much is 20 groups of 4? Explain.		80

	Single Digit Arithmetic	Arithmetic with Multiples of 10	Completing the 10s	Bridging the 10s	Doubling & Halving	Multiplication Facts	NumberSense Book 5: Page 15		
1							What is 6 plus 4?	6 + 4 =	10
2							What is 26 plus 4?	26 + 4 =	30
3							What is 46 plus 4?	46 + 4 =	50
4							What is 56 plus 4?	56 + 4 =	60
5							What is 86 plus 4?	86 + 4 =	90
							"Explain how you got your answer."		
6							What number, plus 4 will give you 10?	+ 4 = 10	6
7							What, number, plus 4 will give you 20?	+ 4 = 20	16
8							What number, plus 4 will give you 40? Explain.	+ 4 = 40	36
9							What number, plus 4 will give you 60?	<u> </u>	56
10							What number, plus 4 will give you 100? Explain.	+ 4 = 100	96
11							What is 5 more than 30?	30 + 5 =	35
12							What is 5 more than 32?	32 + 5 =	37
13							What is 5 more than 34?	34 + 5 =	39
14							What is 5 more than 36?	36 + 5 =	41
							"Explain how you got your answer."		
15							What is 5 more than 37?	37 + 5 =	42
16							What is 5 more than 38?	38 + 5 =	43
17							What is 5 more than 40?	40 + 5 =	45
18							What is 5 less than 40?	40 - 5 =	35
19							What is 5 less than 39?	39 - 5 =	34
20							What is 5 less than 38?	38 - 5 =	33
21							What is 5 less than 37?	37 - 5 =	32
22							What is 5 less than 36?	36 - 5 =	31
23							What is 5 less than 35?	35 - 5 =	30
24							What is 5 less than 34?	34 - 5 =	29
25							What is 5 less than 32?	32 - 5 =	27

	Single Digit Arithmetic	Arithmetic with Multiples of 10	Completing the 10s	Bridging the 10s	Doubling & Halving	Multiplication Facts	NumberSense Book 5: Page 16		
1							What is 5 more than 5?	5 + 5 =	10
2							What is 5 more than 10?	10 + 5 =	15
3							What is 5 more than 15?	15 + 5 =	20
4							What is 5 more than 20?	20 + 5 =	25
5							What is 5 more than 25?	25 + 5 =	30
							"What do you notice?"		
6							What is 10 more than 10?	10 + 10 =	20
7							What is 10 more than 20?	20 + 10 =	30
8							What is 10 more than 30?	30 + 10 =	40
9							What is 10 more than 40?	40 + 10 =	50
10							What is 10 more than 50?	50 + 10 =	60
11							What is 5 plus 5?	5 + 5 =	10
12							What is 25 plus 5?	25 + 5 =	30
13							What is 65 plus 5?	65 + 5 =	70
14							What is 85 plus 5?	85 + 5 =	90
15							What is 95 plus 5?	95 + 5 =	100
16							What is 125 plus 5?	125 + 5 =	130
17							What is 25 plus 5?	25 + 5 =	30
18							What is 250 plus 50?	250 + 50 =	300
19							What is 2500 plus 500?	2500 + 500 =	3000
							"Explain how you got your answer."		
20							What is 65 plus 5?	65 + 5 =	70
21							What is 650 plus 50?	650 + 50 =	700
22							What is 6500 plus 500?	6500 + 500 =	7000
23							What is 85 plus 5?	85 + 5 =	90
24							What is 850 plus 50?	850 + 50 =	900
25							What is 8500 plus 500?	8500 + 500 =	9000

	Single Digit Arithmetic	Arithmetic with Multiples of 10	Completing the 10s	Bridging the 10s	Doubling & Halving	Multiplication Facts	NumberSense Book 5: Page 17		
1							What is half of 20?	20 halved =	10
2							What is half of 22?	22 halved =	11
3							What is half of 8?	8 halved =	4
4							What is half of 28?	28 halved =	14
							"What do you notice?"		
5							What is half of 6?	6 halved =	3
6							What is half of 36?	36 halved =	18
7							What is half of 12?	12 halved =	6
8							What is half of 32?	32 halved =	16
9							What is half of 34?	34 halved =	17
10							What is half of 38?	38 halved =	19
							"Explain how you got your answer."		
11							How much is 11 groups of 2?		22
12							How much is 12 groups of 2?		24
13							How much is 13 groups of 2?		26
14							How much is 14 groups of 2?		28
15							How much is 16 groups of 2?		32
							"You may use the beans to help you."		
16							How much is 10 groups of 5?		50
17							How much is 2 groups of 5?		10
18							How much is 12 groups of 5?		60
19							How much is 10 groups of 5?		50
20							How much is 5 groups of 5?		25
21							How many groups of 5, will give 50?		10
22							How many groups of 5, will give 60?		12
23							How many groups of 5, will give 5?		1
24							How many groups of 5, will give 10?		2
25							How many groups of 5, will give 15?		3

	Single Digit Arithmetic	Arithmetic with Multiples of 10	Completing the 10s	Bridging the 10s	Doubling & Halving	Multiplication Facts	NumberSense Book 5: Page 18	
1							How much is 6 groups of 10?	60
2							How much is 8 groups of 10?	80
3							How much is 4 groups of 10?	40
							"What do you notice?"	
4							How much is 7 groups of 10?	70
5							How much is 10 groups of 10?	100
6							How much is 4 groups of 10?	40
7							How much is 4 groups of 5?	20
8							How much is 8 groups of 10?	80
9							How much is 8 groups of 5?	40
10							How much is 3 groups of 10?	30
11							How much is 3 groups of 5?	15
12							How much is 9 groups of 10?	90
13							How much is 9 groups of 5?	45
14							How much is 7 groups of 10?	70
15							How much is 7 groups of 5?	35
							"Explain how you got your answer."	
16							How many groups of 10, will give 100?	10
17							How many groups of 5, will give 50?	10
18							How many groups of 10, will give 50?	5
19							How many groups of 5, will give 25?	5
20							How many groups of 10, will give 20?	2
21							How many groups of 5, will give 10?	2
22							How many groups of 10, will give 60?	6
23							How many groups of 5, will give 30?	6
24							How many groups of 5, will give 35?	7
25							How many groups of 5, will give 45?	9

	Single Digit Arithmetic	Arithmetic with Multiples of 10	Completing the 10s	Bridging the 10s	Doubling & Halving	Multiplication Facts	NumberSense Book 5: Page 19		
1							What must be added to 4 to get 7?	4 + = 7	3
2							What must be added to 5 to get 8?	5 + = 8	3
3							What must be added to 6 to get 9?	6 + = 9	3
4							What must be added to 7 to get 10?	7 + = 10	3
5							What must be added to 8 to get 11?	8 + = 11	3
6							What must be added to 9 to get 12?	9 + = 12	3
7							What must be added to 10 to get 13?	10 + 🗌 = 13	3
8							What must be added to 11 to get 14?	11 + 🗌 = 14	3
9							What number, plus 2 will give you 6?	<u> </u>	4
10							What number, plus 3 will give you 7?	+ 3 = 7	4
11							What number, plus 4 will give you 8? Explain.	+ 4 = 8	4
12							What number, plus 6 will give you 10? Explain.	+ 6 = 10	4
13							What number, plus 7 will give you 11? Explain.	+ 7 = 11	4
14							What number, plus 14 will give you 16? Explain.	+ 14 = 16	2
15							What number, plus 15 will give you 17? Explain.	+ 15 = 17	2
16							What is 5 doubled?	5 doubled =	10
17							What is 1 doubled?	1 doubled =	2
18							What is 10 doubled?	10 doubled =	20
19							What is 2 doubled?	2 doubled =	4
20							What is 20 doubled? Explain.	20 doubled =	40
21							What is half of 4?	4 halved =	2
22							What is half of 40?	40 halved =	20
23							What is half of 2?	2 halved =	1
24							What is half of 20?	20 halved =	10
25							What is half of 10?	10 halved =	5

	Single Digit Arithmetic	Arithmetic with Multiples of 10	Completing the 10s	Bridging the 10s	Doubling & Halving	Multiplication Facts	NumberSense Book 5: Page 20	(d. i.)	
1							What is 1 plus 4?	1 + 4 =	5
2							What is 5 plus 4?	5 + 4 =	9
3							What is 9 plus 4?	9 + 4 =	13
4							What is 13 plus 4?	13 + 4 =	17
5							What is 17 plus 4?	17 + 4 =	21
6							What is 21 plus 4?	21 + 4 =	25
7							What is 25 plus 3?	25 + 3 =	28
8							What is 28 plus 3?	28 + 3 =	31
9							What is 31 plus 3?	31 + 3 =	34
10							What is 34 plus 3?	34 + 3 =	37
11							What is 37 plus 3?	37 + 3 =	40
							"Explain how you got your answer."		
12							What is 40 plus 4?	40 + 4 =	44
13							What is 44 plus 4?	44 + 4 =	48
14							What is 48 plus 4?	48 + 4 =	52
15							How much is 2, 10 cents pieces?		20
16							How much is 2, 5 cents pieces?		10
17							How much is 5, 10 cents pieces?		50
18							How much is 5, 5 cents pieces?		25
19							How much is 6, 5 cents pieces?		30
							"Explain how you got your answer."		
20							How much is 7, 10 cents pieces?		70
21							How much is 7, 5 cents pieces?		35
22							How much is 8, 5 cents pieces?		40
23							How much is 9, 5 cents pieces?		45
24							How much is 11, 10 cents pieces?		110
25							How much is 11, 5 cents pieces?		55

	Single Digit Arithmetic	Arithmetic with Multiples of 10	Completing the 10s	Bridging the 10s	Doubling & Halving	Multiplication Facts	NumberSense Book 5: Page 21		
1							What is 3 plus 7?	3 + 7 =	10
2							What is 13 plus 7?	13 + 7 =	20
3							What is 23 plus 7?	23 + 7 =	30
4							What is 33 plus 7?	33 + 7 =	40
5							What is 63 plus 7?	63 + 7 =	70
6							What is 83 plus 7?	83 + 7 =	90
7							What is 93 plus 7?	93 + 7 =	100
8							What is 123 plus 7?	123 + 7 =	130
9							What number, plus 7 will give you 10? Explain.	<u> </u>	3
10							What number, plus 7 will give you 30? Explain.	+ 7 = 30	23
11							What number, plus 7 will give you 40? Explain.	+ 7 = 40	33
12							What number, plus 7 will give you 50? Explain.	+ 7 = 50	43
13							What number, plus 7 will give you 60? Explain.	+ 7 = 60	53
14							What number, plus 7 will give you 70? Explain.	<u> </u>	63
15							What number, plus 7 will give you 80? Explain.	+ 7 = 80	73
16							What number, plus 7 will give you 90? Explain.	+ 7 = 90	83
17							What number, plus 7 will give you 120? Explain.	+ 7 = 120	113
18							What number, plus 7 will give you 140? Explain.	+ 7 = 140	133
19							What number, plus 7 will give you 150? Explain.	+ 7 = 150	143
20							What is 12 plus 8?	12 + 8 =	20
21							What is 22 plus 8?	22 + 8 =	30
22							What is 32 plus 8?	32 + 8 =	40
23							What is 26 plus 4?	26 + 4 =	30
24							What is 36 plus 4?	36 + 4 =	40
25							What is 56 plus 4?	56 + 4 =	60

	Single Digit Arithmetic	Arithmetic with Multiples of 10	Completing the 10s	Bridging the 10s	Doubling & Halving	Multiplication Facts	NumberSense Book 5: Page 22		
1							What is 20 minus 1?	20 - 1 =	19
2							What is 30 minus 1?	30 - 1 =	29
3							What is 40 minus 1?	40 - 1 =	39
4							What is 50 minus 1?	50 - 1 =	49
5							What is 60 minus 1?	60 - 1 =	59
6							What is 50 minus 2?	50 - 2 =	48
7							What is 70 minus 2?	70 - 2 =	68
8							What is 80 minus 2?	80 - 2 =	78
9							What is 90 minus 2?	90 - 2 =	88
10							What is 4 plus 10?	4 + 10 =	14
11							What is 10 plus 14?	10 + 14 =	24
12							What is 10 plus 24?	10 + 24 =	34
							"What do you notice?"		
13							What is 10 plus 34?	10 + 34 =	44
14							What is 10 plus 54?	10 + 54 =	64
15							What number, plus 10 will give 15?	<u> </u>	5
16							What number, plus 10 will give 25?	+ 10 = 25	15
17							What number, plus 10 will give 35?	 + 10 = 35	25
18							What number, plus 10 will give 45?	+ 10 = 45	35
19							What number, plus 10 will give 55?	+ 10 = 55	45
							"Explain how you got your answer."		
20							What number, plus 9 will give 20?	+ 9 = 20	11
21							What number, plus 9 will give 30?	+ 9 = 30	21
22							What number, plus 9 will give 40?	+ 9 = 40	31
23							What number, plus 9 will give 50?	+ 9 = 50	41
24							What number, plus 9 will give 60?	+ 9 = 60	51
25							What number, plus 9 will give 70?	+ 9 = 70	61

	Single Digit Arithmetic	Arithmetic with Multiples of 10	Completing the 10s	Bridging the 10s	Doubling & Halving	Multiplication Facts	NumberSense Book 5: Page 23	(4(5.0))	
1							What is 5 more than 3?	3 + 5 =	8
2							What is 5 more than 5?	5 + 5 =	10
3							What is 5 more than 6?	6 + 5 =	11
4							What is 5 more than 7?	7 + 5 =	12
5							What is 5 more than 8?	8 + 5 =	13
6							What is 5 more than 9?	9 + 5 =	14
7							What is 5 more than 11?	11 + 5 =	16
8							What is 3 plus 3?	3 + 3 =	6
9							What is 6 plus 3?	6 + 3 =	9
10							What is 9 plus 3?	9 + 3 =	12
11							What is 12 plus 3?	12 + 3 =	15
12							What is 15 plus 3?	15 + 3 =	18
13							What is 25 plus 3?	25 + 3 =	28
14							What is 35 plus 3?	35 + 3 =	38
15							What is 45 plus 3?	45 + 3 =	48
16							What is 145 plus 3?	145 + 3 =	148
							"Explain how you got your answer."		
17							How much is 10 groups of 3?		30
18							How much is 10 groups of 6?		60
19							How much is 2 groups of 3?		6
20							How much is 2 groups of 6?		12
21							How much is 3 groups of 3?		9
22							How much is 3 groups of 6?		18
23							How much is 4 groups of 3?		12
24							How much is 4 groups of 6?		24
							"What do you notice?"	_	
25							How much is 7 groups of 6?		42

	Single Digit Arithmetic	Arithmetic with Multiples of 10	Completing the 10s	Bridging the 10s	Doubling & Halving	Multiplication Facts	NumberSense Book 5: Page 24			(3)		
1							What is 2 doubled?	2	dou	ble	ed = 🗌	4
2							What is 10 doubled?	10	dou	ble	ed = 🗌	20
3							What is 12 doubled?	12	dou	ble	ed = 🔃	24
4							What is 4 doubled?	4	dou	ble	ed = 🗌	8
5							What is 10 doubled?	10	dou	ble	ed = 🗌	20
6							What is 14 doubled?	14	dou	ble	ed = 🗌	28
							"Explain how you got your answer."					
7							What is 15 doubled?	15	dou	ble	ed = 🗌	30
8							What is 3 doubled?	3	dou	ble	ed = 🗌	6
9							What is 6 doubled?	6	dou	ble	ed = 🗌	12
10							What is 2 times 6?					12
11							What is 3 times 3?					9
12							What is 9 doubled?	9	dou	ble	ed = 🗌	18
13							How much is 3 groups of 6?					18
14							How much is 3 groups of 4?					12
15							What is 12 doubled?	12	dou	ble	ed = 🗌	24
16							How much is 6 groups of 4?					24
							"What do you notice?"					
17							How much is 10 groups of 3?					30
18							How much is 10 groups of 6?					60
19							How much is 5 groups of 3?					15
20							How much is 5 groups of 6?					30
21							How much is 6 groups of 3?					18
22							How much is 6 groups of 6?					36
23							How much is 3 groups of 7?					21
24							How much is 6 groups of 7?					42
25							How much is 6 groups of 8?					48

	Single Digit Arithmetic	Arithmetic with Multiples of 10	Completing the 10s	Bridging the 10s	Doubling & Halving	Multiplication Facts	NumberSense Book 5: Page 25		
1							What is 3 plus 3?	3 + 3 =	6
2							What is 6 plus 3?	6 + 3 =	9
3							What is 9 plus 3?	9 + 3 =	12
4							What is 12 plus 3?	12 + 3 =	15
5							What is 15 plus 3?	15 + 3 =	18
6							What is 18 plus 3?	18 + 3 =	21
7							What is 21 plus 3?	21 + 3 =	24
8							What is 24 plus 3?	24 + 3 =	27
9							What is 6 plus 6?	6 + 6 =	12
10							What is 12 plus 6?	12 + 6 =	18
11							What is 18 plus 6?	18 + 6 =	24
12							What is 24 plus 6?	24 + 6 =	30
13							What is 3 doubled?	3 doubled =	6
14							What is 6 doubled?	6 doubled =	12
15							What is 9 doubled?	9 doubled =	18
16							What is 12 doubled?	12 doubled =	24
17							What is 15 doubled?	15 doubled =	30
18							What is 18 doubled?	18 doubled =	36
19							How much is 2 groups of 3?		6
20							How much is 2 groups of 6?		12
21							How much is 3 groups of 3?		9
22							How much is 3 groups of 6?		18
							"What do you notice?"		
23							How much is 4 groups of 6?		24
24							How much is 5 groups of 6?		30
							"Explain how you got your answer."		
25							How much is 6 groups of 6?		36

	Single Digit Arithmetic	Arithmetic with Multiples of 10	Completing the 10s	Bridging the 10s	Doubling & Halving	Multiplication Facts	NumberSense Book 5: Page 26	(6.0) (6.0)	
1							What is 1 plus 4?	1 + 4 =	5
2							What is 11 plus 4?	11 + 4 =	15
3							What is 21 plus 4?	21 + 4 =	25
4							What is 31 plus 4?	31 + 4 =	35
5							What is 41 plus 4?	41 + 4 =	45
							"What do you notice?"		
6							What is 10 minus 3?	10 - 3 =	7
7							What is 12 minus 3?	12 - 3 =	9
8							What is 22 minus 3?	22 - 3 =	19
9							What is 32 minus 3?	32 - 3 =	29
10							What is 42 minus 3?	42 - 3 =	39
							"What do you notice?"		
11							What is 10 minus 5?	10 - 5 =	5
12							What is 12 minus 5?	12 - 5 =	7
13							What is 22 minus 5?	22 - 5 =	17
14							What is 32 minus 5?	32 - 5 =	27
							"Explain how you got your answer."		
15							What is 15 plus 2?	15 + 2 =	17
16							What is 17 plus 3?	17 + 3 =	20
17							What is 20 plus 4?	20 + 4 =	24
18							What is 24 minus 2?	24 - 2 =	22
19							What is 22 minus 3?	22 - 3 =	19
20							What is 19 plus 2?	19 + 2 =	21
21							What is 21 plus 4?	21 + 4 =	25
22							What is 25 plus 2?	25 + 2 =	27
23							What is 27 plus 5?	27 + 5 =	32
24							What is 32 minus 3?	32 - 3 =	29
25							What is 29 plus 2?	29 + 2 =	31

	Single Digit Arithmetic	Arithmetic with Multiples of 10	Completing the 10s	Bridging the 10s	Doubling & Halving	Multiplication Facts	NumberSense Book 5: Page 27		
1							What is 20 minus 8?	20 - 8 =	12
2							What is 30 minus 8?	30 - 8 =	22
3							What is 40 minus 8?	40 - 8 =	32
4							What is 50 minus 8?	50 - 8 =	42
5							What is 80 minus 8?	80 - 8 =	72
6							From what number must you subtract 8 to get 20?	8 = 20	28
7							From what number must you subtract 8 to get 30?	8 = 30	38
8							From what number must you subtract 8 to get 40?	8 = 40	48
9							From what number must you subtract 8 to get 50?	8 = 50	58
10							From what number must you subtract 8 to get 60?	8 = 60	68
11							What is 20 minus 6?	20 - 6 =	14
12							What is 30 minus 6?	30 - 6 =	24
13							What is 40 minus 6?	40 - 6 =	34
14							What is 50 minus 6?	50 - 6 =	44
15							From what number must you subtract 6 to get 20?	6 = 20	26
16							From what number must you subtract 6 to get 30? Explain.	6 = 30	36
17							From what number must you subtract 6 to get 40?	6 = 40	46
18							From what number must you subtract 6 to get 50?	6 = 50	56
19							What is 20 minus 7?	20 - 7 =	13
20							What is 30 minus 7?	30 - 7 =	23
21	-						What is 40 minus 7?	40 - 7 =	33
22	-						What is 50 minus 7?	50 - 7 =	43
23							From what number must you subtract 7 to get 10? Explain.		17
24							From what number must you subtract 7 to get 20?	7 = 20	27

	Single Digit Arithmetic	Arithmetic with Multiples of 10	Completing the 10s	Bridging the 10s	Doubling & Halving	Multiplication Facts	NumberSense Book 5: Page 28		
1							What is 15 plus 2?	15 + 2 =	17
2							What is 25 plus 2?	25 + 2 =	27
3							What is 45 plus 2?	45 + 2 =	47
4							What is 85 plus 2?	85 + 2 =	87
5							What is 135 plus 2?	135 + 2 =	137
6							What is 17 minus 2?	17 - 2 =	15
7							What is 37 minus 2?	37 - 2 =	35
8							What is 67 minus 2?	67 - 2 =	65
9							What is 97 minus 2?	97 - 2 =	95
10							What is 107 minus 2?	107 - 2 =	105
11							What is 147 minus 2?	147 - 2 =	145
12							What is 18 plus 3?	18 + 3 =	21
13							What is 28 plus 3?	28 + 3 =	31
14							What is 58 plus 3?	58 + 3 =	61
15							What is 78 plus 3?	78 + 3 =	81
16							What is 108 plus 3?	108 + 3 =	111
17							What is 138 plus 3?	138 + 3 =	141
18							What is 8 minus 2?	8 - 2 =	6
19							What is 28 minus 2?	28 - 2 =	26
20							What is 48 minus 2?	48 - 2 =	46
21							What is 88 minus 2?	88 - 2 =	86
22							What is 108 minus 2?	108 - 2 =	106
23							What is 118 minus 2?	118 - 2 =	116
							"What do you notice?"		
24							What is 98 minus 2?	98 - 2 =	96
25							What is 158 minus 2?	158 - 2 =	156

	Single Digit Arithmetic	Arithmetic with Multiples of 10	Completing the 10s	Bridging the 10s	Doubling & Halving	Multiplication Facts	NumberSense Book 5: Page 29	(6)	
1							What number, plus 6 will give you 9?	+ 6 = 9	3
2							What number, plus 3 will give you 9?	+ 3 = 9	6
3							What number, plus 4 will give you 9?	+ 4 = 9	5
4							What number, plus 5 will give you 9?	+ 5 = 9	4
5							What must be added to 8 to get 9? Explain.	<u> </u>	1
6							What number, plus 8 will give you 9?	<u> </u>	1
7							What must be added to 2 to get 9?	+ 2 = 9	7
8							What number, plus 7 will give you 9?	+ 7 = 9	2
9							What is 9 minus 5?	9 - 5 =	4
10							What is 9 minus 4?	9 - 4 =	5
11							What is 9 minus 6?	9 - 6 =	3
12							What is 9 minus 3?	9 - 3 =	6
13							What is 9 minus 2?	9 - 2 =	7
14							What is 9 minus 7?	9 - 7 =	2
15							What is 9 minus 8?	9 - 8 =	1
16							What is 9 minus 1?	9 - 1 =	8
17							What must be subtracted from 9 to get 5?	9 - 🔲 = 5	4
18							What must be subtracted from 9 to qet 3?	9 - 🗌 = 3	6
19							What must be added to 3 to get 5?	+ 3 = 5	2
20							What must be subtracted from 8 to get 3?	8 - 🔲 = 3	5
21							What is 7 plus 2?	7 + 2 =	9
22							What must be subtracted from 9 to get 7?	9 - 🔲 = 7	2
23							What is 5 plus 4?	5 + 4 =	9
24							What must be subtracted from 9 to get 4?	9 - 🔲 = 4	5
25							What must be subtracted from 9 to qet 5?	9 - 🗌 = 5	4

	Single Digit Arithmetic	Arithmetic with Multiples of 10	Completing the 10s	Bridging the 10s	Doubling & Halving	Multiplication Facts	NumberSense Book 5: Page 30		
1							What is 0 plus 4?	0 + 4 =	4
2							What is 4 plus 4?	4 + 4 =	8
3							What is 8 plus 4?	8 + 4 =	12
4							What is 12 plus 4?	12 + 4 =	16
5							What is 16 plus 4?	16 + 4 =	20
6							What is 20 plus 3?	20 + 3 =	23
7							What is 23 plus 3?	23 + 3 =	26
8							What is 26 plus 3?	26 + 3 =	29
9							What is 29 plus 3?	29 + 3 =	32
10							What is 31 plus 2?	31 + 2 =	33
11							What is 33 plus 2?	33 + 2 =	35
12							What is 35 plus 2?	35 + 2 =	37
13							What is 37 plus 2?	37 + 2 =	39
14							What is 39 plus 2?	39 + 2 =	41
15							What is 41 plus 2?	41 + 2 =	43
16							What is 1 doubled?	1 doubled =	2
17							What is 2 doubled?	2 doubled =	4
18							What is 10 doubled?	10 doubled =	20
19							What is 11 doubled?	11 doubled =	22
20							What is 5 doubled?	5 doubled =	10
21							What is 15 doubled?	15 doubled =	30
22							What is 30 doubled?	30 doubled =	60
23							What is 5 doubled?	5 doubled =	10
24							What is 35 doubled?	35 doubled =	70
							"Explain how you got your answer."		
25							What is 40 doubled?	40 doubled =	80

	Single Digit Arithmetic	Arithmetic with Multiples of 10	Completing the 10s	Bridging the 10s	Doubling & Halving	Multiplication Facts	NumberSense Book 5: Page 31	() () () () () () () () () ()	
1							What is 6 plus 5?	6 + 5 =	11
2							What is 16 plus 5?	16 + 5 =	21
3							What is 26 plus 5?	26 + 5 =	31
4							What is 36 plus 5?	36 + 5 =	41
5							What is 56 plus 5?	56 + 5 =	61
6							What is 76 plus 5?	76 + 5 =	81
							"What do you notice?"		
7							What is 3 plus 5?	3 + 5 =	8
8							What is 13 plus 5?	13 + 5 =	18
9							What is 23 plus 5?	23 + 5 =	28
10							What is 33 plus 5?	33 + 5 =	38
11							What is 35 minus 5?	35 - 5 =	30
12							What is 34 minus 5?	34 - 5 =	29
13							What is 33 minus 5?	33 - 5 =	28
14							What is 32 minus 5?	32 - 5 =	27
15							What is 31 minus 5?	31 - 5 =	26
16							What is 55 minus 5?	55 - 5 =	50
17							What is 54 minus 5?	54 - 5 =	49
18							What is 53 minus 5?	53 - 5 =	48
19							What is 52 minus 5?	52 - 5 =	47
20							What is 51 minus 5?	51 - 5 =	46
21							What is 2 doubled?	2 doubled =	4
22							What is 5 doubled?	5 doubled =	10
23							What is half of 40?	40 halved =	20
							"Explain how you got your answer."		
24							What is half of 4?	4 halved =	2
25							What is half of 20?	20 halved =	10

	Single Digit Arithmetic	Arithmetic with Multiples of 10	Completing the 10s	Bridging the 10s	Doubling & Halving	Multiplication Facts	NumberSense Book 5: Page 32		
1							What must be subtracted from 13 to get 10?	13 - 🔲 = 10	3
2							What must be subtracted from 13 to get 9?	13 - 🗌 = 9	4
3							What must be subtracted from 13 to get 8?	13 - 🗌 = 8	5
4							What must be subtracted from 13 to get 7?	13 - 🗌 = 7	6
5							What must be subtracted from 13 to get 6?	13 - 🗌 = 6	7
6							What must be subtracted from 16 to get 14? Explain.	16 - 🗌 = 14	2
7							What must be subtracted from 17 to get 14?	17 - 🗌 = 14	3
8							What must be subtracted from 18 to get 14?	18 - 🗌 = 14	4
9							What must be subtracted from 19 to get 14?	19 - 🗌 = 14	5
10							What must be subtracted from 20 to get 14?	20 - 🗌 = 14	6
11							What is 1 doubled?	1 doubled =	2
12							What is 10 doubled?	10 doubled =	20
13							What is 2 doubled?	2 doubled =	4
14							What is 20 doubled?	20 doubled =	40
15							What is 22 doubled?	22 doubled =	44
16							What is 3 doubled?	3 doubled =	6
17							What is 4 doubled?	4 doubled =	8
18							What is 5 doubled?	5 doubled =	10
19							What is 6 doubled?	6 doubled =	12
20							What is 7 doubled?	7 doubled =	14
21							What is half of 12?	12 halved =	6
22							What is half of 14?	14 halved =	7
23							What is half of 20?	20 halved =	10
24							What is half of 40?	40 halved =	20

	Single Digit Arithmetic	Arithmetic with Multiples of 10	Completing the 10s	Bridging the 10s	Doubling & Halving	Multiplication Facts	NumberSense Book 5: Page 33		
1							What is 20 minus 6?	20 - 6 =	14
2							What is 21 minus 6?	21 - 6 =	15
3							What is 22 minus 6?	22 - 6 =	16
4							What is 23 minus 6?	23 - 6 =	17
5							What is 24 minus 6?	24 - 6 =	18
6							What is 25 minus 6?	25 - 6 =	19
7							What is 26 minus 6?	26 - 6 =	20
8							What is 27 minus 6?	27 - 6 =	21
9							From what number must you subtract 6 to get 10?	6 = 10	16
10							From what number must you subtract 6 to get 30?	6 = 30	36
11							From what number must you subtract 6 to get 40?	6 = 40	46
12							From what number must you subtract 6 to get 50?	6 = 50	56
13							From what number must you subtract 6 to get 60?	6 = 60	66
14							From what number must you subtract 6 to get 70?	6 = 70	76
15							From what number must you subtract 6 to get 80?	6 = 80	86
16							From what number must you subtract 6 to get 90?	6 = 90	96
17							What is 20 minus 4?	20 - 4 =	16
18							What is 21 minus 4?	21 - 4 =	17
19							What is 23 minus 4?	23 - 4 =	19
20							What is 25 minus 4?	25 - 4 =	21
21							From what number must you subtract 4 to get 10?	4 = 10	14
22							From what number must you subtract 4 to get 20?	4 = 20	24
23							From what number must you subtract 4 to get 30?	4 = 30	34
24							From what number must you subtract 4 to get 50?	4 = 50	54

	Single Digit Arithmetic	Arithmetic with Multiples of 10	Completing the 10s	Bridging the 10s	Doubling & Halving	Multiplication Facts	NumberSense Book 5: Page 34		
1							What must be added to 8 to get 9?	8 + 🗌 = 9	1
2							What must be added to 7 to get 9?	7 + = 9	2
3							What must be added to 6 to get 9?	6 + = 9	3
4							What must be added to 5 to get 9?	5 + = 9	4
5							What must be added to 4 to get 9?	4 + = 9	5
6							What must be added to 3 to get 9?	3 + = 9	6
7							What must be added to 2 to get 9?	2 + 🗌 = 9	7
8							What must be added to 20 to get 90?	20 + = 90	70
9							What must be added to 30 to get 90?	30 + = 90	60
10							What must be added to 40 to get 90?	40 + = 90	50
11							What must be added to 50 to get 90?	50 + = 90	40
12							What must be added to 60 to get 90?	60 + = 90	30
13							What must be added to 70 to get 90?	70 + = 90	20
14							What must be added to 80 to get 90?	80 + = 90	10
15							What must be added to 10 to get 90?	10 + = 90	80
16							What must be added to 45 to get 90?	45 + = 90	45
17							What must be added to 400 to get 900?	400 + = 900	500
18							What must be added to 500 to get 900?	500 + = 900	400
19							What must be added to 1 to get 10?	1 + = 10	9
20							What must be added to 2 to get 10?	2 + = 10	8
21							What must be added to 6 to get 10?	6 + = 10	4
22							What must be added to 7 to get 10?	7 + = 10	3
23							What must be added to 3 to get 10?	3 + _ = 10	7
24							What must be added to 4 to get 10?	4 + = 10	6
25							What must be added to 8 to get 10?	8 + = 10	2

	Single Digit Arithmetic	Arithmetic with Multiples of 10	Completing the 10s	Bridging the 10s	Doubling & Halving	Multiplication Facts	NumberSense Book 5: Page 35		
1							What is 10 plus 10?	10 + 10 =	20
2							What is 20 plus 10?	20 + 10 =	30
3							What is 50 plus 10?	50 + 10 =	60
4							What is 30 plus 10?	30 + 10 =	40
5							What is 60 plus 10?	60 + 10 =	70
6							What is 80 plus 10?	80 + 10 =	90
7							What is 70 plus 10?	70 + 10 =	80
8							What is 40 plus 10?	40 + 10 =	50
							"What do you notice?"		
9							What is 40 plus 20?	40 + 20 =	60
10							What is 60 plus 20?	60 + 20 =	80
11							What is 80 plus 20?	80 + 20 =	100
12							How much is 2 groups of 10?		20
13							How much is 4 groups of 10?		40
14							How much is 8 groups of 10?		80
15							How much is 3 groups of 10?		30
16							How much is 6 groups of 10?		60
17							How much is 9 groups of 10?		90
18							How much is 10 groups of 10?		100
19							How much is 7 groups of 10?		70
20							How many groups of 10 will give 70?		7
21							How many groups of 10 will give 80?		8
22							How many groups of 10 will give 90?		9
23							How many groups of 10 will give 30?		3
24							How many groups of 10 will give 50?		5
25							How many groups of 10 will give 20?		2

	Single Digit Arithmetic	Arithmetic with Multiples of 10	Completing the 10s	Bridging the 10s	Doubling & Halving	Multiplication Facts	NumberSense Book 5: Page 36		
1							What is 10 plus 4?	10 + 4 =	14
2							What is 14 plus 4?	14 + 4 =	18
3							What is 18 plus 4?	18 + 4 =	22
4							What is 22 plus 4?	22 + 4 =	26
5							What is 26 plus 4?	26 + 4 =	30
6							What is 30 plus 4?	30 + 4 =	34
7							What is 34 plus 4?	34 + 4 =	38
8							What is 38 plus 4?	38 + 4 =	42
9							What is 42 plus 4?	42 + 4 =	46
10							What is 46 plus 2?	46 + 2 =	48
11							What is 48 plus 2?	48 + 2 =	50
12							What is 50 plus 2?	50 + 2 =	52
13							What is 52 plus 2?	52 + 2 =	54
14							What is 54 plus 2?	54 + 2 =	56
15							What is 56 plus 2?	56 + 2 =	58
16							What is 58 plus 2?	58 + 2 =	60
17							What is 60 plus 2?	60 + 2 =	62
18							What is 62 plus 2?	62 + 2 =	64
19							What is 64 plus 2?	64 + 2 =	66
20							What is 2 doubled?	2 doubled =	4
21							What is 20 doubled?	20 doubled =	40
22							What is 4 doubled?	4 doubled =	8
							"What do you notice?"		
23							What is 40 doubled?	40 doubled =	80
24							What is 8 doubled?	8 doubled =	16
25							What is 80 doubled?	80 doubled =	160

	Single Digit Arithmetic	Arithmetic with Multiples of 10	Completing the 10s	Bridging the 10s	Doubling & Halving	Multiplication Facts	NumberSense Book 5: Page 37		
1							What is 5 plus 4?	5 + 4 =	9
2							What is 25 plus 4?	25 + 4 =	29
3							What is 45 plus 4?	45 + 4 =	49
4							What is 74 plus 4?	74 + 4 =	78
5							What is 95 plus 4?	95 + 4 =	99
6							What is 105 plus 4?	105 + 4 =	109
7							What is 9 plus 1?	9 + 1 =	10
8							What is 9 plus 4?	9 + 4 =	13
9							What is 19 plus 4?	19 + 4 =	23
10							What is 39 plus 4?	39 + 4 =	43
11							What is 69 plus 4?	69 + 4 =	73
							"Explain how you got your answer."		
12							What is 129 plus 4?	129 + 4 =	133
13							What must be added to 4 to get 5?	4 + = 5	1
14							What must be added to 4 to get 7?	4 + = 7	3
15							What must be added to 4 to get 8?	4 + = 8	4
16							What must be added to 7 to get 15?	7 + = 15	8
17							What must be added to 8 to get 15?	8 + = 15	7
18							What is 7 minus 2?	7 - 2 =	5
19							What is 17 minus 2?	17 - 2 =	15
20							What is 27 minus 2?	27 - 2 =	25
21							What is 30 minus 2?	30 - 2 =	28
22							What must be subtracted from 8 to get 2?	8 - 🗌 = 2	6
23							What must be subtracted from 18 to get 2?	18 - 🗌 = 2	16
24							What must be subtracted from 28 to get 2?	28 - 🔲 = 2	26
25							What must be subtracted from 38 to get 2?	38 - 🔲 = 2	36

	Single Digit Arithmetic	Arithmetic with Multiples of 10	Completing the 10s	Bridging the 10s	Doubling & Halving	Multiplication Facts	NumberSense Book 5: Page 38		
1							What is 8 plus 3?	8 + 3 =	11
2							What is 18 plus 3?	18 + 3 =	21
3							What is 28 plus 3?	28 + 3 =	31
4							What is 38 plus 3? Explain?	38 + 3 =	41
5							What is 48 plus 3?	48 + 3 =	51
6							What is 58 plus 3?	58 + 3 =	61
7							What must be added to 3 to get 10?	3 + = 10	7
8							What must be added to 13 to get 20?	13 + = 20	7
9							What must be added to 23 to get 30?	23 + = 30	7
10							What must be added to 33 to get 40?	33 + = 40	7
11							What must be added to 43 to get 50?	43 + = 50	7
12							What must be added to 53 to get 60?	53 + = 60	7
13							What must be subtracted from 10 to get 7?	10 - 🔲 = 7	3
14							What must be subtracted from 20 to get 17?	20 - 🔲 = 17	3
15							What must be subtracted from 30 to get 27?	30 - 🗌 = 27	3
16							What must be subtracted from 40 to get 37?	40 - 🔲 = 37	3
17							What must be subtracted from 50 to get 47?	50 - 🗌 = 47	3
18							What must be subtracted from 60 to get 57?	60 - 🗌 = 57	3
19							What is 28 plus 3?	28 + 3 =	31
20							What is 31 plus 2?	31 + 2 =	33
21							What is 33 plus 7?	33 + 7 =	40
22							What is 40 minus 2?	40 - 2 =	38
23							What is 38 plus 3?	38 + 3 =	41
24							What is 41 plus 4?	41 + 4 =	45
25							What is 45 minus 2?	45 - 2 =	43

	Single Digit Arithmetic	Arithmetic with Multiples of 10	Completing the 10s	Bridging the 10s	Doubling & Halving	Multiplication Facts	NumberSense Book 5: Page 39		
1							What is 3 plus 1?	3 + 1 =	4
2							What is 3 plus 3?	3 + 3 =	6
3							What is 3 plus 4?	3 + 4 =	7
4							What is 3 plus 6?	3 + 6 =	9
5							What is 2 plus 4?	2 + 4 =	6
6							What is 3 plus 4?	3 + 4 =	7
7							What is 4 plus 4?	4 + 4 =	8
8							What is 5 plus 2?	5 + 2 =	7
9							What is 5 plus 5?	5 + 5 =	10
10							What is 5 plus 6?	5 + 6 =	11
							"Explain how you got your answer."		
11							What is 6 plus 6?	6 + 6 =	12
12							What is 6 plus 7?	6 + 7 =	13
13							What is 7 plus 7?	7 + 7 =	14
14							What is 7 plus 9?	7 + 9 =	16
15							What is 9 plus 9?	9 + 9 =	18
16							What is 10 plus 10?	10 + 10 =	20
17							What is 11 plus 11?	11 + 11 =	22
18							What is 12 plus 12?	12 + 12 =	24
19							What is 13 plus 13?	13 + 13 =	26
							"Explain how you got your answer."		
20							What is 14 plus 14?	14 + 14 =	28
21							What is 16 plus 16?	16 + 16 =	32
22							What is 20 plus 20?	20 + 20 =	40
23							What is 30 plus 30?	30 + 30 =	60
24							What is 40 plus 40?	40 + 40 =	80
25							What is 50 plus 50?	50 + 50 =	100

	Single Digit Arithmetic	Arithmetic with Multiples of 10	Completing the 10s	Bridging the 10s	Doubling & Halving	Multiplication Facts	NumberSense Book 5: Page 40	(Q.)	
1							What is 8 plus 5?	8 + 5 =	13
2							What is 8 plus 15?	8 + 15 =	23
3							What is 8 plus 25?	8 + 25 =	33
4							What is 8 plus 35?	8 + 35 =	43
							"What do you notice?"		
5							What is 8 plus 45?	8 + 45 =	53
6							What is 8 plus 55?	8 + 55 =	63
7							What must be added to 5 to get 15?	+ 5 = 15	10
8							What must be added to 7 to get 15?	+ 7 = 15	8
9							What must be added to 8 to get 15?	+ 8 = 15	7
10							What must be added to 5 to get 16?	+ 5 = 16	11
11							What must be added to 6 to get 16?	+ 6 = 16	10
12							What must be added to 8 to get 16?	+ 8 = 16	8
13							What is the same as 9 plus 7?	9 + 7 =	16
14							What is the same as 9 plus 17?	9 + 17 =	26
15							What is the same as 9 plus 27?	9 + 27 =	36
							"Explain how you got your answer."		
16							What is the same as 9 plus 37?	9 + 37 =	46
17							What is the same as 7 plus 9?	7 + 9 =	16
18							What is the same as 7 plus 19?	7 + 19 =	26
19							What is the same as 7 plus 29?	7 + 29 =	36
20							What is the same as 7 plus 39?	7 + 39 =	46
21							What is the same as 8 plus 7?	8 + 7 =	15
22							What is the same as 8 plus 17?	8 + 17 =	25
23							What is the same as 8 plus 27?	8 + 27 =	35
24							What is the same as 8 plus 47?	8 + 47 =	55
25							What is the same as 8 plus 57?	8 + 57 =	65

	Single Digit Arithmetic	Arithmetic with Multiples of 10	Completing the 10s	Bridging the 10s	Doubling & Halving	Multiplication Facts	NumberSense Book 5: Page 41		
1							What is 4 plus 6?	4 + 6 =	10
2							What is 7 plus 6?	7 + 6 =	13
3							What is 2 plus 6?	2 + 6 =	8
4							What is 8 plus 6?	8 + 6 =	14
5							What is 9 plus 6?	9 + 6 =	15
6							What is 5 plus 6?	5 + 6 =	11
7							What is 10 plus 6?	10 + 6 =	16
8							What is 6 plus 6?	6 + 6 =	12
9							What is 3 plus 7?	3 + 7 =	10
10							What is 23 plus 7?	23 + 7 =	30
11							What is 43 plus 7?	43 + 7 =	50
							"What do you notice?"		
12							What is 63 plus 7?	63 + 7 =	70
13							What is 3 plus 5?	3 + 5 =	8
14							What is 13 plus 5?	13 + 5 =	18
15							What is 23 plus 5?	23 + 5 =	28
							"Explain how you got your answer."		
16							What is 33 plus 5?	33 + 5 =	38
17							How much is 2, 10 cents pieces?		20
18							How much is 4, 10 cents pieces?		40
19							How much is 6, 10 cents pieces?		60
20							How much is 7, 10 cents pieces?		70
21							How much is 8, 10 cents pieces?		80
22							How much is 8, 10 cents pieces?		80
23							How much is 9, 10 cents pieces?		90
24							How much is 11, 10 cents pieces?		110
25							How much is 13, 10 cents pieces?		130

	Single Digit Arithmetic	Arithmetic with Multiples of 10	Completing the 10s	Bridging the 10s	Doubling & Halving	Multiplication Facts	NumberSense Book 5: Page 42	() () () () () () () () () ()	
1							What is 2 plus 8?	2 + 8 =	10
2							What is 22 plus 8?	22 + 8 =	30
3							What is 32 plus 8?	32 + 8 =	40
4							What is 62 plus 8?	62 + 8 =	70
5							What is 72 plus 8?	72 + 8 =	80
6							What is 3 plus 8?	3 + 8 =	11
7							What is 33 plus 8?	33 + 8 =	41
8							What is 43 plus 8?	43 + 8 =	51
9							What is 73 plus 8?	73 + 8 =	81
10							What is 83 plus 8?	83 + 8 =	91
11							What is 103 plus 8?	103 + 8 =	111
12							What is 113 plus 8?	113 + 8 =	121
							"What do you notice?"		
13							What is 35 plus 8?	35 + 8 =	43
14							What is 45 plus 8?	45 + 8 =	53
15							What is 5 plus 9?	5 + 9 =	14
16							What is 15 plus 9?	15 + 9 =	24
17							What is 25 plus 9?	25 + 9 =	34
							"Explain how you got your answer."		
18							What is 35 plus 9?	35 + 9 =	44
19							What is 45 plus 9?	45 + 9 =	54
20							What is 3 plus 9?	3 + 9 =	12
21							What is 13 plus 9?	13 + 9 =	22
22							What is 23 plus 9?	23 + 9 =	32
23							What is 33 plus 9?	33 + 9 =	42
24							What is 43 plus 9?	43 + 9 =	52
25							What is 53 plus 9?	53 + 9 =	62

	Single Digit Arithmetic	Arithmetic with Multiples of 10	Completing the 10s	Bridging the 10s	Doubling & Halving	Multiplication Facts	NumberSense Book 5: Page 43		
1							What is 5 more than 5?	5 + 5 =	10
2							What is 5 more than 10?	10 + 5 =	15
3							What is 5 more than 15?	15 + 5 =	20
4							What is 5 more than 20?	20 + 5 =	25
5							What is 5 more than 25?	25 + 5 =	30
6							What is 5 more than 30?	30 + 5 =	35
7							What is 5 more than 40?	40 + 5 =	45
8							What is 5 more than 45?	45 + 5 =	50
9							What is 10 more than 15?	15 + 10 =	25
10							What is 10 more than 35?	35 + 10 =	45
11							What is 10 more than 65?	65 + 10 =	75
12							What is 5 more than 65?	65 + 5 =	70
13							What is 5 more than 70?	70 + 5 =	75
14							What is 5 more than 75?	75 + 5 =	80
15							What is 5 more than 80?	80 + 5 =	85
16							What must be added to 50 to get 55?	+ 50 = 55	5
17							What must be added to 50 to get 60?	+ 50 = 60	10
18							What must be added to 35 to get 40?	_ + 35 = 40	5
19							What must be added to 35 to get 45?	+ 35 = 45	10
20							What must be added to 25 to get 35?	+ 25 = 35	10
21							What must be added to 15 to get 25?	+ 15 = 25	10
22							What must be added to 65 to get 70?	+ 65 = 70	5
23							What must be added to 45 to get 50?	+ 45 = 50	5
24							What must be added to 95 to get 100?	+ 95 = 100	5
25							What must be added to 90 to get 100?	<u> </u>	10

	Single Digit Arithmetic	Arithmetic with Multiples of 10	Completing the 10s	Bridging the 10s	Doubling & Halving	Multiplication Facts	NumberSense Book 5: Page 44		
1							What is 1 doubled?	1 doubled =	2
2							What is 2 doubled?	2 doubled =	4
3							What is 3 doubled?	3 doubled =	6
4							What is 4 doubled?	4 doubled =	8
5							What is 5 doubled?	5 doubled =	10
6							What is 6 doubled?	6 doubled =	12
7							What is 7 doubled?	7 doubled =	14
8							What is 8 doubled?	8 doubled =	16
9							What is 9 doubled?	9 doubled =	18
10							What is 10 doubled?	10 doubled =	20
11							What is 2 doubled?	2 doubled =	4
12							What is 4 doubled?	4 doubled =	8
13							How much is 2 groups of 4?		8
14							How much is 4 groups of 4?		16
15							How much is 3 groups of 3?		9
16							How much is 6 groups of 3?		18
							"What do you notice?"		
17							How much is 4 groups of 2?		8
18							How much is 8 groups of 2?		16
19							How much is 4 groups of 4?		16
20							How much is 6 groups of 4?		24
21							How much is 12 groups of 2?		24
22							How much is 6 groups of 4?		24
23							How much is 8 groups of 3?		24
24							How much is 16 groups of 2?		32
							"Explain how you got your answer."		
25							How much is 8 groups of 4?		32

	Single Digit Arithmetic	Arithmetic with Multiples of 10	Completing the 10s	Bridging the 10s	Doubling & Halving	Multiplication Facts	NumberSense Book 5: Page 45		
1							What is 2 doubled?	2 doubled =	4
2							What is 4 doubled?	4 doubled =	8
3							What is 8 doubled?	8 doubled =	16
4							What is 6 doubled?	6 doubled =	12
5							What is 10 doubled?	10 doubled =	20
6							What is 16 doubled?	16 doubled =	32
7							What is 15 doubled?	15 doubled =	30
8							What is 30 doubled?	30 doubled =	60
9							What is 32 doubled?	32 doubled =	64
10							What is 4 doubled?	4 doubled =	8
11							How much is 2 groups of 4?		8
12							How much is 4 groups of 4?		16
13							How much is 3 groups of 2?		6
14							How much is 6 groups of 2?		12
							"Explain how you got your answer."		
15							How much is 4 groups of 3?		12
16							How much is 8 groups of 3?		24
17							How much is 4 groups of 4?		16
18							How much is 8 groups of 4?		32
19							How much is 12 groups of 2?		24
20							How much is 6 groups of 4?		24
							"Explain how you got your answer."		
21							How much is 10 groups of 4?		40
22							How much is 20 groups of 4?		80
23							How much is 10 groups of 4?		40
24							How much is 5 groups of 4?		20
25							How much is 2 groups of 4?		8

	Single Digit Arithmetic	Arithmetic with Multiples of 10	Completing the 10s	Bridging the 10s	Doubling & Halving	Multiplication Facts	NumberSense Book 5: Page 46		
1							What is 4 plus 4?	4 + 4 =	8
2							What is 5 plus 5?	5 + 5 =	10
3							What is 6 plus 6?	6 + 6 =	12
4							What is 8 plus 8?	8 + 8 =	16
5							What is 10 plus 10?	10 + 10 =	20
6							What is 11 plus 11?	11 + 11 =	22
7							What is 12 plus 12?	12 + 12 =	24
8							What is 14 plus 14?	14 + 14 =	28
9							What is 16 plus 16?	16 + 16 =	32
							"Explain how you got your answer."		
10							What is 20 plus 20?	20 + 20 =	40
11							What is 24 plus 24?	24 + 24 =	
12							What is 25 plus 25?	25 + 25 =	50
13							What is 26 plus 26?	26 + 26 =	52
14							How much is 1 group of 3?		3
15							How much is 3 groups of 3?		9
16							How much is 2 groups of 3?		6
17							How much is 4 groups of 3?		12
18							How much is 5 groups of 3?		15
19							How much is 10 groups of 3?		30
20							How much is 11 groups of 3?		33
21							How much is 12 groups of 3?		36
22							How much is 13 groups of 3?		39
							"Explain how you got your answer."		
23							How much is 14 groups of 3?		42
24							How much is 15 groups of 3?		45
25							How much is 16 groups of 3?		48

	Single Digit Arithmetic	Arithmetic with Multiples of 10	Completing the 10s	Bridging the 10s	Doubling & Halving	Multiplication Facts	NumberSense Book 5: Page 47		
1							From what number must you subtract 6 to get 14?	6 = 14	20
2							From what number must you subtract 6 to aet 15?	6 = 15	21
3							From what number must you subtract 6 to get 16?	6 = 16	22
4							From what number must you subtract 6 to get 17?	6 = 17	23
5							From what number must you subtract 6 to get 18?	6 = 18	24
6							From what number must you subtract 6 to aet 24?	6 = 24	30
7							From what number must you subtract 6 to get 34?	6 = 34	40
8							From what number must you subtract 6 to get 44?	6 = 44	50
9							From what number must you subtract 6 to get 54?	6 = 54	60
10							From what number must you subtract 7 to get 23?	7 = 23	30
11							From what number must you subtract 7 to get 24?	7 = 24	31
12							From what number must you subtract 7 to aet 34?	7 = 34	41
13							From what number must you subtract 7 to get 44?	7 = 44	51
14							What number, subtract 4 will give you 6?	4 = 6	10
15							What number, subtract 4 will give you 16?	4 = 16	20
16							What number, subtract 4 will give you 26?	4 = 26	30
17							What number, subtract 4 will give you 36?	4 = 36	40
18							What number, subtract 4 will give you 46?	4 = 46	50
19							What number, subtract 3 will give you 7?	3 = 7	10
20							What number, subtract 3 will give you 17?	3 = 17	20
21							What number, subtract 3 will give you 37?	3 = 37	40
22							What number, subtract 8 will give you 2?	- 8 = 2	10
23							What number, subtract 8 will give you 12?	8 = 12	20

	Single Digit Arithmetic	Arithmetic with Multiples of 10	Completing the 10s	Bridging the 10s	Doubling & Halving	Multiplication Facts	NumberSense Book 5: Page 48		
1							What is 8 more than 30?	30 + 8 =	38
2							What is 8 more than 32?	32 + 8 =	40
3							What is 8 more than 34?	34 + 8 =	42
4							What is 8 more than 35?	35 + 8 =	43
5							What is 8 more than 45?	45 + 8 =	53
6							What is 8 more than 65?	65 + 8 =	73
							"Explain how you got your answer."		
7							What is 8 more than 7?	7 + 8 =	15
8							What is 8 more than 27?	27 + 8 =	35
9							What is 8 more than 37?	37 + 8 =	45
10							What is 8 more than 47?	47 + 8 =	55
11							What is 8 more than 55?	55 + 8 =	63
12							What is 7 less than 10?	10 - 7 =	3
13							What is 7 less than 20?	20 - 7 =	13
14							What is 7 less than 30?	30 - 7 =	23
15							What is 7 less than 32?	32 - 7 =	25
16							What is 7 less than 35?	35 - 7 =	28
17							What is 7 less than 45?	45 - 7 =	38
18							What is 7 less than 55?	55 - 7 =	48
19							What is 7 less than 17?	17 - 7 =	10
20							What is 7 less than 27?	27 - 7 =	20
21							What is 7 less than 37?	37 - 7 =	30
22							What is 7 less than 47? 47 - 7 =		40
23							What is 7 less than 57? 57 - 7 =		50
24							What is 7 less than 67? 67 - 7 = 67 - 7		60
25							What is 7 less than 87?	87 - 7 =	80



	NumberSense Book 5: Page 1	Answers
1	5 + 3 =	
2	4 + 3 =	
3	3 + 3 =	
4	2 + 3 =	
5	1 + 3 =	
6	5 - 2 =	
7	3 - 2 =	
8	7 - 2 =	
9	10 - 2 =	
10	4 - 2 =	
11	5 + 3 =	
12	500 + 300 =	
13	5000 + 3000 =	
14	5 mil + 3 mil =	
15	5 - 3 =	
16	500 - 300 =	
17	5000 - 3000 =	
18	5 mil - 3 mil =	
19	1 doubled =	
20	2 doubled =	
21	20 doubled =	
22	3 doubled =	
23	30 doubled =	
24	4 doubled =	
25	40 doubled =	

	NumberSense	
	Book 5: Page 2	Answers
1	7 - 3 =	
2	4 + 3 =	
3	4 - 3 =	
4	1 + 3 =	
5	8 - 3 =	
6	5 + 3 =	
7	7 + 3 =	
8	27 + 3 =	
9	37 + 3 =	
10	47 + 3 =	
11	8 + 2 =	
12	28 + 2 =	
13	38 + 2 =	
14	48 + 2 =	
15	68 + 2 =	
16	88 + 2 =	
17	5 doubled =	
18	10 doubled =	
19	1 doubled =	
20	2 doubled =	
21	10 doubled =	
22	12 doubled =	
23	4 doubled =	
24	20 doubled =	
25	24 doubled =	

	NumberSense Book 5: Page 3	Answers
1	1 + 3 =	
2	2 + 3 =	
3	3 + 3 =	
4	4 + 3 =	
5	6 + 3 =	
6	7 + 3 =	
7	+ 3 = 6	
8	+ 3 = 7	
9	+ 3 = 8	
10	+ 3 = 5	
11	3 - 2 =	
12	6 - 2 =	
13	7 - 2 =	
14	10 - 2 =	
15	8 - 2 =	
16	9 - 2 =	
17	4 - 3 =	
18	5 - 3 =	
19	6 - 3 =	
20	7 - 3 =	
21	8 - 3 =	
22	2 = 2	
23	2 = 1	
24	2 = 5	
25	2 = 8	

	NumberSense Book 5: Page 4	Answers		NumberSense Book 5: Page 5	Answers		NumberSense Book 5: Page 6	Answers
1	5 + 4 =		1	5 + 5 =		1	2 doubled =	
2	6 + 4 =		2	10 + 5 =		2	3 doubled =	
3	7 + 4 =		3	20 + 5 =		3	4 doubled =	
4	8 + 4 =		4	40 + 5 =		4	5 doubled =	
5	9 + 4 =		5	15 + 5 =		5	3 doubled =	
6	+ 3 = 8		6	25 + 5 =		6	30 doubled =	
7	+ 3 = 7		7	35 + 5 =		7	4 doubled =	
8	+ 3 = 5		8	15 - 5 =		8	40 doubled =	
9	+ 4 = 8		9	35 - 5 =		9	6 doubled =	
10	+ 4 = 10		10	45 - 5 =		10	60 doubled =	
11	+ 4 = 11		11	20 - 5 =		11	7 doubled =	
12	+ 4 = 12		12	30 - 5 =		12	70 doubled =	
13	+ 4 = 14		13	50 - 5 =		13	80 doubled =	
14	+ 4 = 20		14	15 + 5 =		14	90 doubled =	
15	6 - 2 =		15	15 + 7 =		15	2 doubled =	
16	8 - 2 =		16	25 + 7 =		16	10 doubled =	
17	9 - 2 =		17	35 + 7 =		17	12 doubled =	
18	5 - 2 =		18	45 + 7 =		18	4 doubled =	
19	15 - 2 =		19	10 - 7 =		19	20 doubled =	
20	+ 3 = 5		20	12 - 7 =		20	24 doubled =	
21	+ 3 = 6		21	14 - 7 =		21	30 doubled =	
22	+ 3 = 8		22	15 - 7 =		22	35 doubled =	
23	+ 4 = 9		23	25 - 7 =		23	60 halved =	
24	+ 4 = 13		24	35 - 7 =		24	80 halved =	
25	+ 4 = 14		25	45 - 7 =		25	70 halved =	

	NumberSense Book 5: Page 7	Answers
1	3 doubled =	
2	6 doubled =	
3	30 doubled =	
4	60 doubled =	
5	30 doubled =	
6	35 doubled =	
7	8 = 10	
8	8 = 11	
9	8 = 12	
10	8 = 13	
11	8 = 14	
12	4 = 10	
13	4 = 12	
14	4 = 14	
15	4 = 16	
16	5 + 4 =	
17	500 + 400 =	
18	5000 + 4000 =	
19	5 mil + 4 mil =	
20	6 - 2 =	
21	600 - 200 =	
22	6000 - 2000 =	
23	8 - 3 =	
24	800 - 300 =	
25	8 mil - 3 mil =	

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	NumberSense Book 5: Page 8	Answers
1	5 + 1 =	
2	5 + 🔲 = 6	
3	3 + 4 =	
4	3 + 🔲 = 7	
5	5 + 2 =	
6	5 + 🔲 = 7	
7	8 + 1 =	
8	1 + 🔲 = 9	
9	9 + 2 =	
10	9 + 🗌 = 11	
11	4 + 🔲 = 6	
12	1 + 🗌 = 6	
13	2 + 🗌 = 6	
14	3 + 🔲 = 6	
15	6 + 🗌 = 7	
16	3 + 🔲 = 7	
17	4 + 🔲 = 7	
18	5 + 🗌 = 7	
19	2 + 🗌 = 7	
20	7 + 🔲 = 8	
21	4 + 🔲 = 8	
22	5 + = 8	
23	6 + 🔲 = 10	
24	5 + 🗌 = 10	
25	7 + 🗌 = 10	

	NumberSense Book 5: Page 9	Answers
1	4 + 🔲 = 7	
2	5 + 🗌 = 8	
3	6 + 🗌 = 9	
4	7 + 🗌 = 10	
5	8 + 🗌 = 11	
6	9 + 🗌 = 12	
7	14 + 🗌 = 17	
8	15 + 🗌 = 18	
9	16 + 🗌 = 19	
10	17 + 🗌 = 20	
11	+ 2 = 6	
12	+ 3 = 7	
13	+ 4 = 8	
14	+ 5 = 9	
15	+ 6 = 10	
16	+ 7 = 11	
17	+ 14 = 16	
18	+ 15 = 17	
19	+ 16 = 18	
20	+ 17 = 19	
21	5 + 🗌 = 10	
22	10 + _ = 15	
23	15 + 🗌 = 20	
24	20 + = 25	
25	25 + = 30	

	NumberSense Book 5: Page 10	Answers
1	4 + 4 =	
2	8 + 4 =	
3	12 + 4 =	
4	4 + 16 =	
5	4 + 20 =	
6	4 + 24 =	
7	4 + 28 =	
8	4 + 32 =	
9	36 + 4 =	
10	40 + 4 =	
11	44 + 4 =	
12	48 + 4 =	
13	10 + 🔲 = 11	
14	9 + 🗌 = 11	
15	8 + 🗌 = 11	
16	7 + 🗌 = 11	
17	6 + 🗌 = 11	
18	5 + _ = 11	
19	4 + 🔲 = 11	
20	10 + 🔲 = 13	
21	9 + 🗌 = 13	
22	8 + 🗌 = 13	
23	7 + 🗌 = 13	
24	6 + 🗌 = 13	
25	5 + = 13	

	NumberSense Book 5: Page 11	Answers
1	9 - 🔲 = 7	
2	10 - 🔲 = 8	
3	12 - 🔲 = 10	
4	12 - 🔲 = 8	
5	13 - 🔲 = 4	
6	13 - 🗌 = 10	
7	3 × 10 =	
8	5 × 10 =	
9	7 × 10 =	
10	2 × 10 =	
11	9 × 10 =	
12	8 × 10 =	
13	10 × 10 =	
14	20 × 10 =	
15	25 × 10 =	
16	27 × 10 =	
17	38 × 10 =	
18	40 × 10 =	
19	42 × 10 =	
20	4 × 10 =	
21	4 × 100 =	
22	4 × 1000 =	
23	6 × 10 =	
24	6 × 100 =	
25	6 × 1000 =	

	NumberSense Book 5: Page 12	Answers
1	2 + 3 =	
2	22 + 3 =	
3	32 + 3 =	
4	42 + 3 =	
5	52 + 3 =	
6	62 + 3 =	
7	82 + 3 =	
8	122 + 3 =	
9	9 + 3 =	
10	29 + 3 =	
11	39 + 3 =	
12	59 + 3 =	
13	69 + 3 =	
14	89 + 3 =	
15	129 + 3 =	
16	+ 3 = 7	
17	+ 3 = 37	
18	+ 3 = 39	
19	+ 3 = 41	
20	+ 3 = 42	
21	+ 3 = 5	
22	+ 3 = 35	
23	+ 3 = 45	
24	+ 3 = 55	
25	+ 3 = 65	

	NumberSense Book 5: Page 13	Answers
1	4 + 4 =	
2	8 + 4 =	
3	12 + 4 =	
4	16 + 4 =	
5	20 + 4 =	
6	24 + 4 =	
7	28 + 4 =	
8	32 + 4 =	
9	36 + 4 =	
10	40 + 4 =	
11	1 doubled =	
12	10 doubled =	
13	2 doubled =	
14	20 doubled =	
15	100 doubled =	
16	200 doubled =	
17	1000 doubled =	
18	2000 doubled =	
19	2 halved =	
20	20 halved =	
21	200 halved =	
22	2000 halved =	
23	4 halved =	
24	400 halved =	
25	4000 halved =	

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	NumberSense Book 5: Page 14	Answers
1	12 - 🔲 = 2	
2	12 - 🔲 = 4	
3	12 - 🗌 = 6	
4	12 - 🗌 = 4	
5	8 - 🗌 = 5	
6	10 - 🔲 = 7	
7	12 - 🗌 = 9	
8	13 - 🗌 = 9	
9	14 - 🔲 = 9	
10	15 - 🗌 = 9	
11	1 × 2 =	
12	1 × 4 =	
13	2 × 2 =	
14	2 × 4 =	
15	10 × 2 =	
16	10 × 4 =	
17	20 × 2 =	
18	3 × 2 =	
19	3 × 4 =	
20	5 × 2 =	
21	5 × 4 =	
22	7 × 2 =	
23	7 × 4 =	
24	12 × 4 =	
25	20 × 4 =	

	NumberSense Book 5: Page 15	Answers
1	6 + 4 =	
2	26 + 4 =	
3	46 + 4 =	
4	56 + 4 =	
5	86 + 4 =	
6	+ 4 = 10	
7	+ 4 = 20	
8	+ 4 = 40	
9	+ 4 = 60	
10	+ 4 = 100	
11	30 + 5 =	
12	32 + 5 =	
13	34 + 5 =	
14	36 + 5 =	
15	37 + 5 =	
16	38 + 5 =	
17	40 + 5 =	
18	40 - 5 =	
19	39 - 5 =	
20	38 - 5 =	
21	37 - 5 =	
22	36 - 5 =	
23	35 - 5 =	
24	34 - 5 =	
25	32 - 5 =	

	NumberSense Book 5: Page 16	Answers
1	5 + 5 =	
2	10 + 5 =	
3	15 + 5 =	
4	20 + 5 =	
5	25 + 5 =	
6	10 + 10 =	
7	20 + 10 =	
8	30 + 10 =	
9	40 + 10 =	
10	50 + 10 =	
11	5 + 5 =	
12	25 + 5 =	
13	65 + 5 =	
14	85 + 5 =	
15	95 + 5 =	
16	125 + 5 =	
17	25 + 5 =	
18	250 + 50 =	
19	2500 + 500 =	
20	65 + 5 =	
21	650 + 50 =	
22	6500 + 500 =	
23	85 + 5 =	
24	850 + 50 =	
25	8500 + 500 =	

	NumberSense Book 5: Page 17	Answers
1	5 + 5 =	
2	10 + 5 =	
3	35 + 5 =	
4	55 + 5 =	
5	45 + 5 =	
6	75 + 5 =	
7	30 + 5 =	
8	20 + 5 =	
9	40 + 5 =	
10	60 + 5 =	
11	11 × 2 =	
12	12 × 2 =	
13	13 × 2 =	
14	14 × 2 =	
15	16 × 2 =	
16	10 × 5 =	
17	2 × 5 =	
18	12 × 5 =	
19	10 × 5 =	
20	5 × 5 =	
21	15 × 5 =	
22	2 × 5 =	
23	20 × 5 =	
24	5 × 5 =	
25	25 × 5 =	

	NumberSense Book 5: Page 18	Answers
1	6 × 10 =	
2	8 × 10 =	
3	4 × 10 =	
4	7 × 10 =	
5	10 × 10 =	
6	4 × 10 =	
7	4 × 5 =	
8	8 × 10 =	
9	8 × 5 =	
10	3 × 10 =	
11	3 × 5 =	
12	9 × 10 =	
13	9 × 5 =	
14	7 × 10 =	
15	7 × 5 =	
16	10 × 10 =	
17	10 × 5 =	
18	5 × 10 =	
19	5 × 5 =	
20	2 × 10 =	
21	2 × 5 =	
22	6 × 10 =	
23	6 × 5 =	
24	7 × 5 =	
25	9 × 5 =	

	NumberSense Book 5: Page 19	Answers
	Book 5. Fage 17	
1	4 + 🔲 = 7	
2	5 + 🗌 = 8	
3	6 + 🗌 = 9	
4	7 + 🗌 = 10	
5	8 + 🗌 = 11	
6	9 + 🗌 = 12	
7	10 + 🗌 = 13	
8	11 + 🔲 = 14	
9	<u> </u>	
10	+ 3 = 7	
11	+ 4 = 8	
12	+ 6 = 10	
13	+ 7 = 11	
14	+ 14 = 16	
15	+ 15 = 17	
16	5 doubled =	
17	1 doubled =	
18	10 doubled =	
19	2 doubled =	
20	20 doubled =	
21	4 halved =	
22	40 halved =	
23	2 halved =	
24	20 halved =	
25	10 halved =	

	NumberSense Book 5: Page 20	Answers
1	1 + 4 =	
2	5 + 4 =	
3	9 + 4 =	
4	13 + 4 =	
5	17 + 4 =	
6	21 + 4 =	
7	25 + 3 =	
8	28 + 3 =	
9	31 + 3 =	
10	34 + 3 =	
11	37 + 3 =	
12	40 + 4 =	
13	44 + 4 =	
14	48 + 4 =	
15	5 doubled =	
16	10 doubled =	
17	15 doubled =	
18	20 doubled =	
19	25 doubled =	
20	30 doubled =	
21	35 doubled =	
22	40 doubled =	
23	45 doubled =	
24	50 doubled =	
25	100 doubled =	

NumberSense Book 5: Page 21	Answers
3 + 7 =	
13 + 7 =	
23 + 7 =	
33 + 7 =	
63 + 7 =	
83 + 7 =	
93 + 7 =	
123 + 7 =	
+ 7 = 10	
+ 7 = 30	
+ 7 = 40	
+ 7 = 50	
+ 7 = 60	
+ 7 = 70	
+ 7 = 80	
+ 7 = 90	
+ 7 = 120	
+ 7 = 140	
+ 7 = 150	
12 + 8 =	
22 + 8 =	
32 + 8 =	
26 + 4 =	
36 + 4 =	
56 + 4 =	
	Book 5: Page 21 3 + 7 = 13 + 7 = 23 + 7 = 33 + 7 = 63 + 7 = 83 + 7 = 93 + 7 = 123 + 7 = 123 + 7 = 124 + 7 = 10 1 + 7 = 10 1 + 7 = 40 1 + 7 = 50 1 + 7 = 60 1 + 7 = 70 1 + 7 = 80 1 + 7 = 120 1 + 7 = 120 1 + 7 = 140 1 + 7 = 150

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	NumberSense Book 5: Page 22	Answers		NumberSense Book 5: Page 23	Answers			NumberS Book 5: Pa
1	20 - 1 =		1	3 + 5 =			1	2 doubled
2	30 - 1 =		2	5 + 5 =		= -	2	10 doubled
3	40 - 1 =		3	6 + 5 =			3	12 doubled
4	50 - 1 =		4	7 + 5 =			4	4 doubled
5	60 - 1 =		5	8 + 5 =			5	10 doubled
6	50 - 2 =		6	9 + 5 =			6	14 doubled
7	70 - 2 =		7	11 + 5 =			7	15 doubled
8	80 - 2 =		8	3 + 3 =			8	3 doubled
9	90 - 2 =		9	6 + 3 =			9	6 doubled
10	4 + 10 =		10	9 + 3 =			10	2 × 6
11	10 + 14 =		11	12 + 3 =			11	3 × 3
12	10 + 24 =		12	15 + 3 =			12	9 doubled
13	10 + 34 =		13	25 + 3 =			13	3 × 6
14	10 + 54 =		14	35 + 3 =			14	3 × 4
15	+ 10 = 15		15	45 + 3 =			15	12 doubled
16	+ 10 = 25		16	145 + 3 =			16	6 × 4
17	+ 10 = 35		17	1 × 3 =			17	10 × 3
18	+ 10 = 45		18	10 × 3 =			18	10 × 6
19	+ 10 = 55		19	2 × 3 =			19	5 × 3
20	+ 9 = 20		20	20 × 3 =			20	5 × 6
21	+ 9 = 30		21	3 × 3 =			21	6 × 3
22	+ 9 = 40		22	30 × 3 =			22	6 × 6
23	+ 9 = 50		23	30 × 30 =			23	3 × 7
24	+ 9 = 60		24	3 × 300 =			24	6 × 7
25	+ 9 = 70		25	30 × 300 =			25	6 × 8
						-		

1 2 doubled =		NumberSense Book 5: Page 24	Answers
3 12 doubled =	1	2 doubled =	
4 4 doubled =	2	10 doubled =	
5 10 doubled =	3	12 doubled =	
6 14 doubled = 7 15 doubled = 8 3 doubled = 9 6 doubled = 10 2 × 6 = 11 3 × 3 = 12 9 doubled = 13 3 × 6 = 14 3 × 4 = 15 12 doubled = 16 6 × 4 = 17 10 × 3 = 18 10 × 6 = 19 5 × 3 = 20 5 × 6 = 21 6 × 3 = 22 6 × 6 = 23 3 × 7 = 24 6 × 7 = 26	4	4 doubled =	
7 15 doubled = \[\] 8 3 doubled = \[\] 9 6 doubled = \[\] 10 2 × 6 = \[\] 11 3 × 3 = \[\] 12 9 doubled = \[\] 13 3 × 6 = \[\] 14 3 × 4 = \[\] 15 12 doubled = \[\] 16 6 × 4 = \[\] 17 10 × 3 = \[\] 18 10 × 6 = \[\] 19 5 × 3 = \[\] 20 5 × 6 = \[\] 21 6 × 3 = \[\] 22 6 × 6 = \[\] 23 3 × 7 = \[\] 24 6 × 7 = \[\]	5	10 doubled =	
8 3 doubled = \[\] 9 6 doubled = \[\] 10 2 × 6 = \[\] 11 3 × 3 = \[\] 12 9 doubled = \[\] 13 3 × 6 = \[\] 14 3 × 4 = \[\] 15 12 doubled = \[\] 16 6 × 4 = \[\] 17 10 × 3 = \[\] 18 10 × 6 = \[\] 19 5 × 3 = \[\] 20 5 × 6 = \[\] 21 6 × 3 = \[\] 22 6 × 6 = \[\] 23 3 × 7 = \[\] 24 6 × 7 = \[\]	6	14 doubled =	
9 6 doubled = \begin{array}{ c c c c c c c c c c c c c c c c c c c	7	15 doubled =	
10	8	3 doubled =	
11	9	6 doubled =	
12 9 doubled = \begin{array}{ c c c c c c c c c c c c c c c c c c c	10	2 × 6 =	
13	11	3 × 3 =	
14	12	9 doubled =	
15 12 doubled = \begin{array}{ c c c c c c c c c c c c c c c c c c c	13	3 × 6 =	
16 6 × 4 =	14	3 × 4 =	
17	15	12 doubled =	
18	16	6 × 4 =	
19	17	10 × 3 =	
20	18	10 × 6 =	
21 6 × 3 =	19	5 × 3 =	
22 6 × 6 =	20	5 × 6 =	
23 3 × 7 =	21	6 × 3 =	
24 6 × 7 =	22	6 × 6 =	
	23	3 × 7 =	
25 6 × 8 =	24	6 × 7 =	
	25	6 × 8 =	

	NumberSense Book 5: Page 25	Answers
1	3 + 3 =	
2	6 + 3 =	
3	9 + 3 =	
4	12 + 3 =	
5	15 + 3 =	
6	18 + 3 =	
7	21 + 3 =	
8	24 + 3 =	
9	6 + 6 =	
10	12 + 6 =	
11	18 + 6 =	
12	24 + 6 =	
13	3 doubled =	
14	6 doubled =	
15	9 doubled =	
16	12 doubled =	
17	15 doubled =	
18	18 doubled =	
19	2 × 3 =	
20	2 × 6 =	
21	3 × 3 =	
22	3 × 6 =	
23	4 × 6 =	
24	5 × 6 =	
25	6 × 6 =	

	NumberSense Book 5: Page 26	Answers
1	1 + 4 =	
2	11 + 4 =	
3	21 + 4 =	
4	31 + 4 =	
5	41 + 4 =	
6	10 - 3 =	
7	12 - 3 =	
8	22 - 3 =	
9	32 - 3 =	
10	42 - 3 =	
11	10 - 5 =	
12	12 - 5 =	
13	22 - 5 =	
14	32 - 5 =	
15	15 + 2 =	
16	17 + 3 =	
17	20 + 4 =	
18	24 - 2 =	
19	22 - 3 =	
20	19 + 2 =	
21	21 + 4 =	
22	25 + 2 =	
23	27 + 5 =	
24	32 - 3 =	
25	29 + 2 =	

	NumberSense Book 5: Page 27	Answers
1	20 - 8 =	
2	30 - 8 =	
3	40 - 8 =	
4	50 - 8 =	
5	80 - 8 =	
6	8 = 20	
7	8 = 30	
8	8 = 40	
9	8 = 50	
10	8 = 60	
11	20 - 6 =	
12	30 - 6 =	
13	40 - 6 =	
14	50 - 6 =	
15	6 = 20	
16	6 = 30	
17	6 = 40	
18	6 = 50	
19	20 - 7 =	
20	30 - 7 =	
21	40 - 7 =	
22	50 - 7 =	
23	7 = 10	
24	7 = 20	
25	7 = 30	

	NumberSense Book 5: Page 28	Answers		N Bo
1	15 + 2 =		1	
2	17 - 1 =		2	
3	16 + 2 =		3	
4	18 + 2 =		4	
5	20 - 3 =		5	
6	17 - 1 =		6	
7	16 + 2 =		7	
8	18 + 2 =		8	
9	20 - 3 =		9	ı
10	17 - 1 =		10	
11	16 + 2 =		11	
12	18 + 3 =		12	I
13	21 - 1 =		13	
14	20 + 2 =		14	,
15	22 + 5 =		15	
16	27 - 1 =		16	
17	26 + 2 =		17	,
18	28 + 3 =		18	
19	31 + 2 =		19	
20	33 + 5 =		20	
21	8 + 3 =		21	-
22	18 + 3 =		22	
23	28 + 3 =		23	Į
24	38 + 3 =		24	
25	48 + 3 =		25	

	NumberSense Book 5: Page 29	Answers
1	+ 6 = 9	
2	+ 3 = 9	
3	+ 4 = 9	
4	+ 5 = 9	
5	+ 8 = 9	
6	+ 8 = 9	
7	+ 2 = 9	
8	+ 7 = 9	
9	9 - 5 =	
10	9 - 4 =	
11	9 - 6 =	
12	9 - 3 =	
13	9 - 2 =	
14	9 - 7 =	
15	9 - 8 =	
16	9 - 1 =	
17	9 - 🗌 = 5	
18	9 - 🗌 = 3	
19	+ 3 = 5	
20	8 - 🗌 = 3	
21	7 + 2 =	
22	9 - 🗌 = 7	
23	5 + 4 =	
24	9 - 🗌 = 4	
25	9 - 🗌 = 5	

	NumberSense Book 5: Page 30	Answers
1	0 + 4 =	
2	4 + 4 =	
3	8 + 4 =	
4	12 + 4 =	
5	16 + 4 =	
6	20 + 3 =	
7	23 + 3 =	
8	26 + 3 =	
9	29 + 3 =	
10	31 + 2 =	
11	33 + 2 =	
12	35 + 2 =	
13	37 + 2 =	
14	39 + 2 =	
15	41 + 2 =	
16	1 doubled =	
17	2 doubled =	
18	10 doubled =	
19	11 doubled =	
20	5 doubled =	
21	15 doubled =	
22	30 doubled =	
23	5 doubled =	
24	35 doubled =	
25	40 doubled =	

	T		in		1
	NumberSense Book 5: Page 31	Answers			Nur Boo
1	6 + 5 =			1	13
2	16 + 5 =			2	13
3	26 + 5 =			3	13
4	36 + 5 =			4	13
5	56 + 5 =			5	13
6	76 + 5 =			6	16
7	3 + 5 =			7	17
8	13 + 5 =			8	18
9	23 + 5 =			9	19
10	33 + 5 =			10	20
11	35 - 5 =			11	1 do
12	34 - 5 =			12	10 dc
13	33 - 5 =			13	2 do
14	32 - 5 =			14	20 dc
15	31 - 5 =			15	22 dc
16	55 - 5 =			16	3 do
17	54 - 5 =			17	4 do
18	53 - 5 =			18	5 do
19	52 - 5 =			19	6 do
20	51 - 5 =			20	7 do
21	2 doubled =			21	12 h
22	5 doubled =			22	14 h
23	40 halved =			23	20 h
24	4 halved =			24	40 h
25	20 halved =			25	44 h
-					

	NumberSense Book 5: Page 32	Answers
1	13 - 🔲 = 10	
2	13 - 🗌 = 9	
3	13 - 🔲 = 8	
4	13 - 🗌 = 7	
5	13 - 🔲 = 6	
6	16 - 🔲 = 14	
7	17 - 🔲 = 14	
8	18 - 🔲 = 14	
9	19 - 🔲 = 14	
10	20 - 🔲 = 14	
11	1 doubled =	
12	10 doubled =	
13	2 doubled =	
14	20 doubled =	
15	22 doubled =	
16	3 doubled =	
17	4 doubled =	
18	5 doubled =	
19	6 doubled =	
20	7 doubled =	
21	12 halved =	
22	14 halved =	
23	20 halved =	
24	40 halved =	
25	44 halved =	

NumberSense Book 5: Page 33	Answers
20 - 6 =	
21 - 6 =	
22 - 6 =	
23 - 6 =	
24 - 6 =	
25 - 6 =	
26 - 6 =	
27 - 6 =	
6 = 10	
6 = 30	
6 = 40	
6 = 50	
6 = 60	
6 = 70	
6 = 80	
6 = 90	
20 - 4 =	
21 - 4 =	
23 - 4 =	
25 - 4 =	
4 = 10	
4 = 20	
4 = 30	
4 = 50	
4 = 60	
	Book 5: Page 33 20 - 6 = 21 - 6 = 22 - 6 = 23 - 6 = 24 - 6 = 25 - 6 = 27 - 6 = 27 - 6 = - 6 = 10 - 6 = 30 - 6 = 40 - 6 = 50 - 6 = 60 - 6 = 70 - 6 = 80 - 6 = 90 20 - 4 = 21 - 4 = 21 - 4 = - 4 = 10 - 4 = 20 - 4 = 30 - 4 = 50

	NumberSense Book 5: Page 34	Answers
1	8 + 🔲 = 9	
2	7 + 🔲 = 9	
3	6 + = 9	
4	5 + 🗌 = 9	
5	4 + 🔲 = 9	
6	3 + 🗌 = 9	
7	2 + 🗌 = 9	
8	20 + 🔲 = 90	
9	30 + = 90	
10	40 + = 90	
11	50 + = 90	
12	60 + = 90	
13	70 + 🗌 = 90	
14	80 + = 90	
15	10 + = 90	
16	45 + = 90	
17	400 + = 900	
18	500 + = 900	
19	1 + 🗌 = 10	
20	2 + 🔲 = 10	
21	6 + 🔲 = 10	
22	7 + 🔲 = 10	
23	3 + 🔲 = 10	
24	4 + 🔲 = 10	
25	8 + 🔲 = 10	

	NumberSense Book 5: Page 35	Answers
1	10 + 10 =	
2	20 + 10 =	
3	50 + 10 =	
4	30 + 10 =	
5	60 + 10 =	
6	80 + 10 =	
7	70 + 10 =	
8	40 + 10 =	
9	40 + 20 =	
10	60 + 20 =	
11	80 + 20 =	
12	3 × 10 =	
13	5 × 10 =	
14	7 × 10 =	
15	9 × 10 =	
16	10 × 10 =	
17	100 × 10 =	
18	1000 × 10 =	
19	70 × 10 =	
20	80 × 10 =	
21	90 × 10 =	
22	30 × 10 =	
23	40 × 10 =	
24	50 × 10 =	
25	60 × 10 =	

	NumberSense Book 5: Page 36	Answers
1	10 + 4 =	
2	14 + 4 =	
3	18 + 4 =	
4	22 + 4 =	
5	26 + 4 =	
6	30 + 4 =	
7	34 + 4 =	
8	38 + 4 =	
9	42 + 4 =	
10	46 + 2 =	
11	48 + 2 =	
12	50 + 2 =	
13	52 + 2 =	
14	54 + 2 =	
15	56 + 2 =	
16	58 + 2 =	
17	60 + 2 =	
18	62 + 2 =	
19	64 + 2 =	
20	2 doubled =	
21	20 doubled =	
22	4 doubled =	
23	40 doubled =	
24	8 doubled =	
25	80 doubled =	

	NumberSense Book 5: Page 37	Answers
1	5 + 4 =	
2	3 + 3 =	
3	2 + 4 =	
4	6 + 3 =	
5	3 + 4 =	
	8 + 3 =	
6		
7	9 + 4 =	
8	7 + 3 =	
9	7 + 4 =	
10	27 + 4 =	
11	37 + 4 =	
12	57 + 4 =	
13	4 + 🗌 = 5	
14	4 + 🔲 = 7	
15	4 + 🔲 = 8	
16	7 + 🗌 = 15	
17	8 + 🔲 = 15	
18	7 - 2 =	
19	17 - 2 =	
20	27 - 2 =	
21	30 - 2 =	
22	8 - 🔲 = 2	
23	18 - 🗌 = 2	
24	28 - 🗌 = 2	
25	38 - 🗌 = 2	

	NumberSense Book 5: Page 38	Answers
1	8 + 3 =	
2	18 + 3 =	
3	28 + 3 =	
4	38 + 3 =	
5	48 + 3 =	
6	58 + 3 =	
7	3 + = 10	
8	13 + = 20	
9	23 + = 30	
10	33 + = 40	
11	43 + = 50	
12	53 + = 60	
13	10 - 🗌 = 7	
14	20 - 🗌 = 17	
15	30 - 🗌 = 27	
16	40 - 🗌 = 37	
17	50 - 🗌 = 47	
18	60 - 🗌 = 57	
19	28 + 3 =	
20	31 + 2 =	
21	33 + 7 =	
22	40 - 2 =	
23	38 + 3 =	
24	41 + 4 =	
25	45 - 2 =	
22 23 24	40 - 2 = \bigsquare 38 + 3 = \bigsquare 41 + 4 = \bigsquare -	

	NumberSense Book 5: Page 39	Answers
1	3 + 1 =	
2	3 + 3 =	
3	3 + 4 =	
4	3 + 6 =	
5	2 + 4 =	
6	3 + 4 =	
7	4 + 4 =	
8	5 + 2 =	
9	5 + 5 =	
10	5 + 6 =	
11	6 + 6 =	
12	6 + 7 =	
13	7 + 7 =	
14	7 + 9 =	
15	9 + 9 =	
16	10 + 10 =	
17	11 + 11 =	
18	12 + 12 =	
19	13 + 13 =	
20	14 + 14 =	
21	16 + 16 =	
22	20 + 20 =	
23	30 + 30 =	
24	40 + 40 =	
25	50 + 50 =	

	NumberSense Book 5: Page 40	Answers
1	8 + 5 =	
2	8 + 15 =	
3	8 + 25 =	
4	8 + 35 =	
5	8 + 45 =	
6	8 + 55 =	
7	+ 5 = 15	
8	+ 7 = 15	
9	+ 8 = 15	
10	+ 5 = 16	
11	+ 6 = 16	
12	+ 8 = 16	
13	9 + 7 =	
14	9 + 17 =	
15	9 + 27 =	
16	9 + 37 =	
17	7 + 9 =	
18	7 + 19 =	
19	7 + 29 =	
20	7 + 39 =	
21	8 + 7 =	
22	8 + 17 =	
23	8 + 27 =	
24	8 + 47 =	
25	8 + 57 =	

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	NumberSense Book 5: Page 41	Answers
1	4 + 6 =	
2	7 + 6 =	
3	2 + 6 =	
4	8 + 6 =	
5	9 + 6 =	
6	5 + 6 =	
7	10 + 6 =	
8	6 + 6 =	
9	3 + 7 =	
10	23 + 7 =	
11	43 + 7 =	
12	63 + 7 =	
13	3 + 5 =	
14	13 + 5 =	
15	23 + 5 =	
16	33 + 5 =	
17	2 × 10 =	
18	4 × 10 =	
19	6 × 10 =	
20	7 × 10 =	
21	8 × 10 =	
22	8 × 10 =	
23	9 × 10 =	
24	11 × 10 =	
25	13 × 10 =	

	NumberSense Book 5: Page 42	Answers
1	2 + 8 =	
2	5 + 8 =	
3	7 + 8 =	
4	9 + 8 =	
5	4 + 8 =	
6	1 + 8 =	
7	10 + 8 =	
8	3 + 8 =	
9	8 + 8 =	
10	5 + 8 =	
11	15 + 8 =	
12	25 + 8 =	
13	35 + 8 =	
14	45 + 8 =	
15	5 + 9 =	
16	15 + 9 =	
17	25 + 9 =	
18	35 + 9 =	
19	45 + 9 =	
20	3 + 9 =	
21	13 + 9 =	
22	23 + 9 =	
23	33 + 9 =	
24	43 + 9 =	
25	53 + 9 =	

	NumberSense Book 5: Page 43	Answers		NumberSense Book 5: Page 44	Answers		NumberSense Book 5: Page 45	Answers
1	5 + 5 =		1	1 doubled =		1	2 doubled =	
2	10 + 5 =		2	2 doubled =		2	4 doubled =	
3	15 + 5 =		3	3 doubled =		3	8 doubled =	
4	20 + 5 =		4	4 doubled =		4	6 doubled =	
5	25 + 5 =		5	5 doubled =		5	10 doubled =	
6	30 + 5 =		6	6 doubled =		6	16 doubled =	
7	40 + 5 =		7	7 doubled =		7	15 doubled =	
8	45 + 5 =		8	8 doubled =		8	30 doubled =	
9	15 + 10 =		9	9 doubled =		9	32 doubled =	
10	35 + 10 =		10	10 doubled =		10	4 doubled =	
11	65 + 10 =		11	2 doubled =		11	2 × 4 =	
12	65 + 5 =		12	4 doubled =		12	3 doubled =	
13	70 + 5 =		13	2 × 4 =		13	6 doubled =	
14	75 + 5 =		14	3 doubled =		14	3 × 4 =	
15	80 + 5 =		15	6 doubled =		15	4 doubled =	
16	+ 50 = 55		16	3 × 4 =		16	8 doubled =	
17	+ 50 = 60		17	4 doubled =		17	4 × 4 =	
18	+ 35 = 40		18	8 doubled =		18	6 doubled =	
19	+ 35 = 45		19	4 × 4 =		19	12 doubled =	
20	+ 25 = 35		20	6 doubled =		20	6 × 4 =	
21	+ 15 = 25		21	12 doubled =		21	10 doubled =	
22	+ 65 = 70		22	6 × 4 =		22	20 doubled =	
23	+ 45 = 50		23	8 doubled =		23	10 × 4 =	
24	+ 95 = 100		24	16 doubled =		24	5 × 4 =	
25	+ 90 = 100		25	8 × 4 =		25	2 × 4 =	

	NumberSense Book 5: Page 46	Answers
1	4 + 4 =	
2	5 + 5 =	
3	6 + 6 =	
4	8 + 8 =	
5	10 + 10 =	
6	11 + 11 =	
7	12 + 12 =	
8	14 + 14 =	
9	16 + 16 =	
10	20 + 20 =	
11	24 + 24 =	
12	25 + 25 =	
13	26 + 26 =	
14	1 × 3 =	
15	3 × 3 =	
16	2 × 3 =	
17	4 × 3 =	
18	5 × 3 =	
19	10 × 3 =	
20	11 × 3 =	
21	12 × 3 =	
22	13 × 3 =	
23	14 × 3 =	
24	15 × 3 =	
25	16 × 3 =	

	NumberSense Book 5: Page 47	Answers
1	6 = 14	
2	6 = 15	
3	6 = 16	
4	6 = 17	
5	6 = 18	
6	6 = 24	
7	6 = 34	
8	6 = 44	
9	6 = 54	
10	7 = 23	
11	7 = 24	
12	7 = 34	
13	7 = 44	
14	4 = 6	
15	4 = 16	
16	4 = 26	
17	4 = 36	
18	4 = 46	
19	3 = 7	
20	3 = 17	
21	3 = 37	
22	8 = 2	
23	8 = 12	
24	8 = 22	
25	8 = 42	

	NumberSense Book 5: Page 48	Answers
1	30 + 8 =	
2	32 + 8 =	
3	34 + 8 =	
4	35 + 8 =	
5	45 + 8 =	
6	65 + 8 =	
7	7 + 8 =	
8	27 + 8 =	
9	37 + 8 =	
10	47 + 8 =	
11	55 + 8 =	
12	10 - 7 =	
13	20 - 7 =	
14	30 - 7 =	
15	32 - 7 =	
16	35 - 7 =	
17	45 - 7 =	
18	55 - 7 =	
19	17 - 7 =	
20	27 - 7 =	
21	37 - 7 =	
22	47 - 7 =	
23	57 - 7 =	
24	67 - 7 =	
25	87 - 7 =	