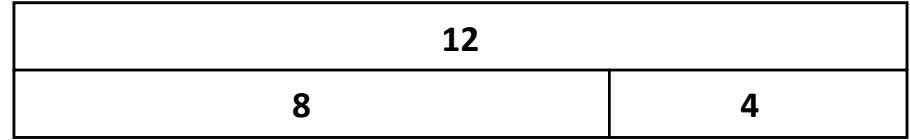
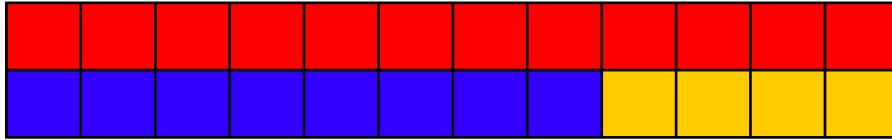


Pairs to 12



Pairs to 12

12	
11	1

12	
10	2

12	
9	3

12	
6	6

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 0 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

Pairs to 6, 7, 8 and 9

6	
5	?

6	
2	?

6	
3	3

7	
2	?

7	
1	?

7	
4	?

8	
4	?

8	
3	?

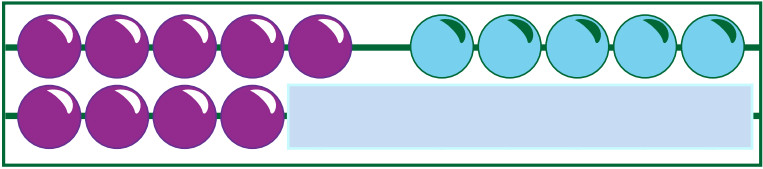
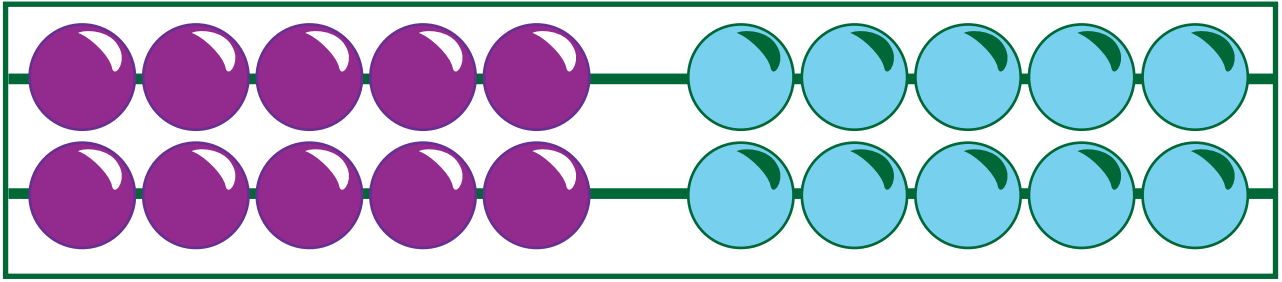
8	
1	?

9	
6	?

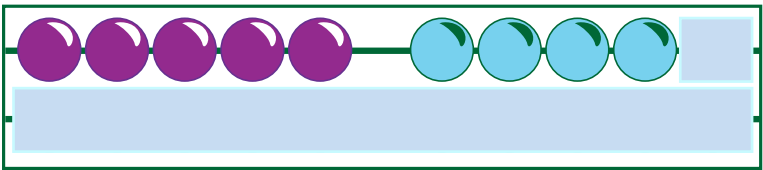
9	
4	?

9	
3	?

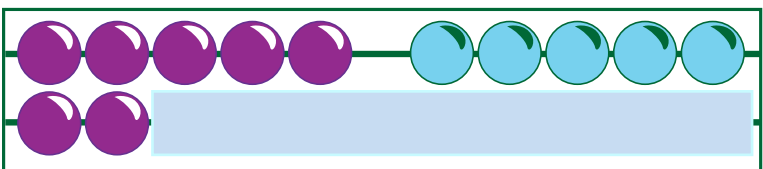
Missing numbers



14 + = 20



9 + = 20



12 + = 20

19 + = 20

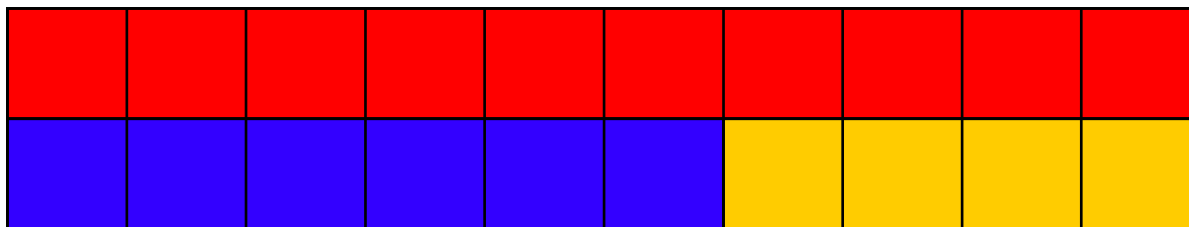
+ 10 = 20

13 + = 20

17 + = 20

+ 5 = 20

Pairs to 10 and 20 (1)



Pairs to 10 and 20 (2)

10	
6	4

10	
5	5

Pairs to 10 and 20 (3)

20	
16	4

Pairs to 10 and 20

10	
8	2

$$\square + \square = 10$$

$$\square + \square = 10$$

$$10 - \square = \square$$

$$10 - \square = \square$$

10	
7	3

$$\square + \square = 10$$

$$\square + \square = 10$$

$$10 - \square = \square$$

$$10 - \square = \square$$

20	
15	5

$$\square + \square = 20$$

$$\square + \square = 20$$

$$20 - \square = \square$$

$$20 - \square = \square$$

20	
12	8

$$\square + \square = 20$$

$$\square + \square = 20$$

$$20 - \square = \square$$

$$20 - \square = \square$$

20	
17	3

$$\square + \square = 20$$

$$\square + \square = 20$$

$$20 - \square = \square$$

$$20 - \square = \square$$

20	
19	1

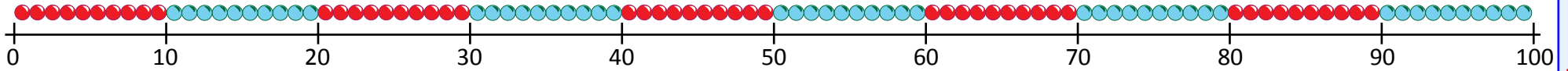
$$\square + \square = 20$$

$$\square + \square = 20$$

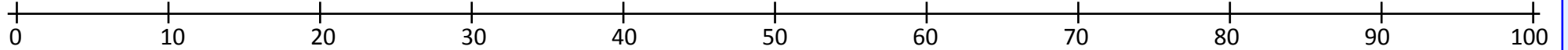
$$20 - \square = \square$$

$$20 - \square = \square$$

0 - 100 beaded line



0 - 100 landmarked line



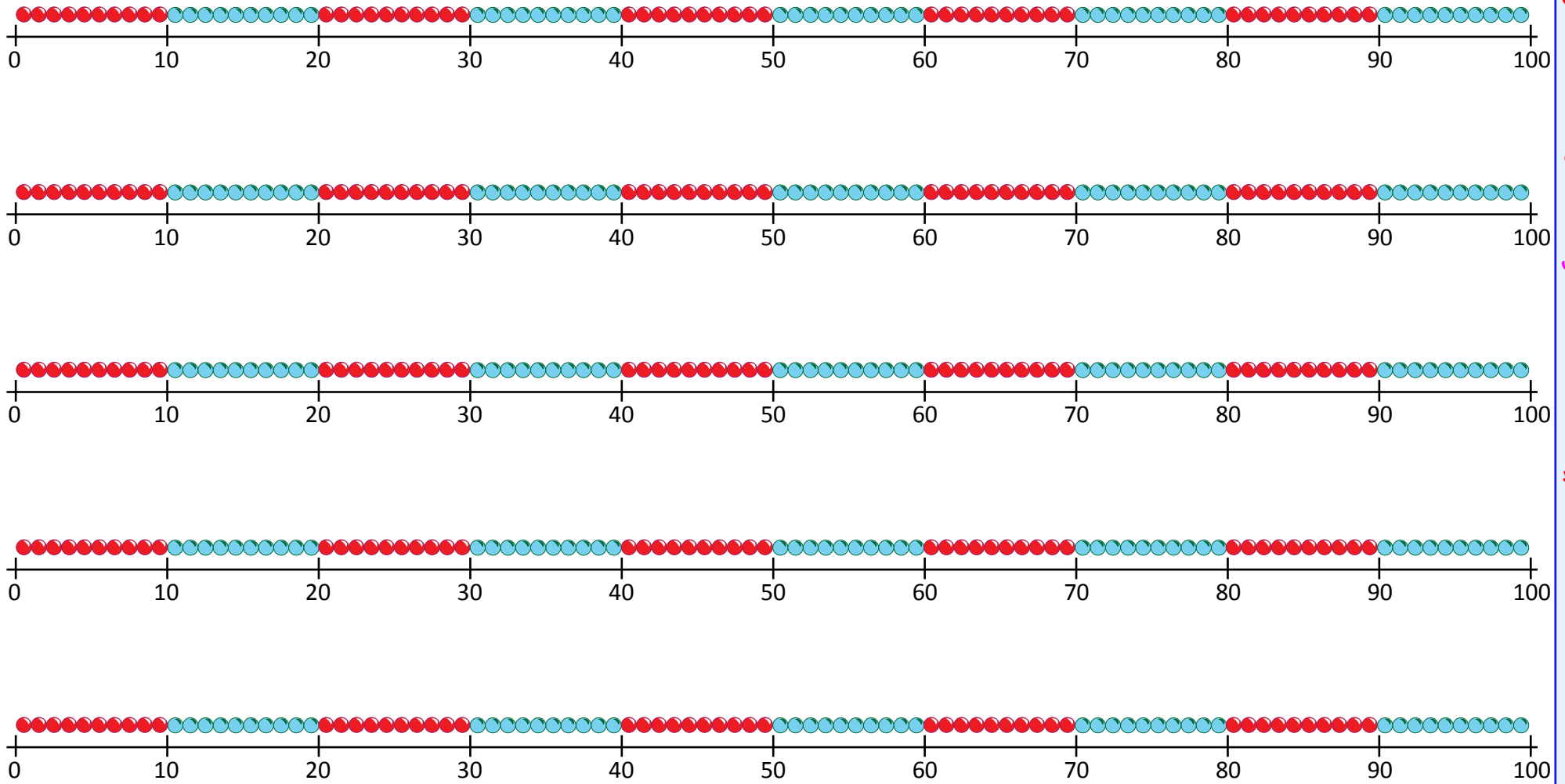
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

100 99 98 97 96 95 94 93 92 91 90 89 88 87 86 85 84 83 82

81 80 79 78 77 76 75 74 73 72 71 70 69 68 67 66 65 64 63 62 61 60 59 58 57 56 55 54 53 52 51

100 beaded lines



Adding 1-digit to 2-digit numbers

Part A

1. $21 + 9$

2. $45 + 5$

3. $73 + 7$

4. $14 + 6$

5. $68 + 2$

6. $33 + 5$

7. $25 + 3$

8. $62 + 4$

9. $83 + 3$

10. $21 + 7$

11. $47 + 2$

12. $13 + 6$

13. $114 + 6$

14. $123 + 5$

15. $154 + 3$

16. $194 + 5$

Part B

1. $39 + 5$

2. $28 + 4$

3. $36 + 6$

4. $45 + 7$

5. $78 + 8$

6. $33 + 9$

7. $27 + 5$

8. $18 + 6$

9. $12 + 9$

10. $46 + 8$

11. $87 + 4$

12. $34 + 8$

13. $128 + 4$

14. $144 + 6$

15. $119 + 6$

16. $175 + 6$

Add and subtract single-digit numbers

- | | | | |
|----|-----------|-----------|----------|
| 1. | $6 + 3,$ | $16 + 3,$ | $26 + 3$ |
| 2. | $2 + 5,$ | $22 + 5,$ | $42 + 5$ |
| 3. | $8 - 2,$ | $28 - 2,$ | $48 - 2$ |
| 4. | $7 - 5,$ | $37 - 5,$ | $87 - 5$ |
| 5. | $24 + 3,$ | $54 + 3,$ | $84 + 3$ |
| 6. | $48 - 3,$ | $68 - 3,$ | $98 - 3$ |

Now you write your own additions using $6 + 2$

Subtracting 1-digit from 2-digit numbers

Part A

Part B

1. $88 - 8$

9. $55 - 3$

1. $21 - 9$

9. $83 - 7$

2. $75 - 5$

10. $39 - 5$

2. $45 - 6$

10. $21 - 7$

3. $62 - 2$

11. $15 - 4$

3. $73 - 7$

11. $42 - 7$

4. $78 - 5$

12. $46 - 5$

4. $14 - 6$

12. $13 - 6$

5. $45 - 2$

13. $117 - 5$

5. $61 - 2$

13. $142 - 6$

6. $48 - 6$

14. $146 - 4$

6. $33 - 5$

14. $161 - 4$

7. $69 - 6$

15. $187 - 3$

7. $25 - 8$

15. $115 - 8$

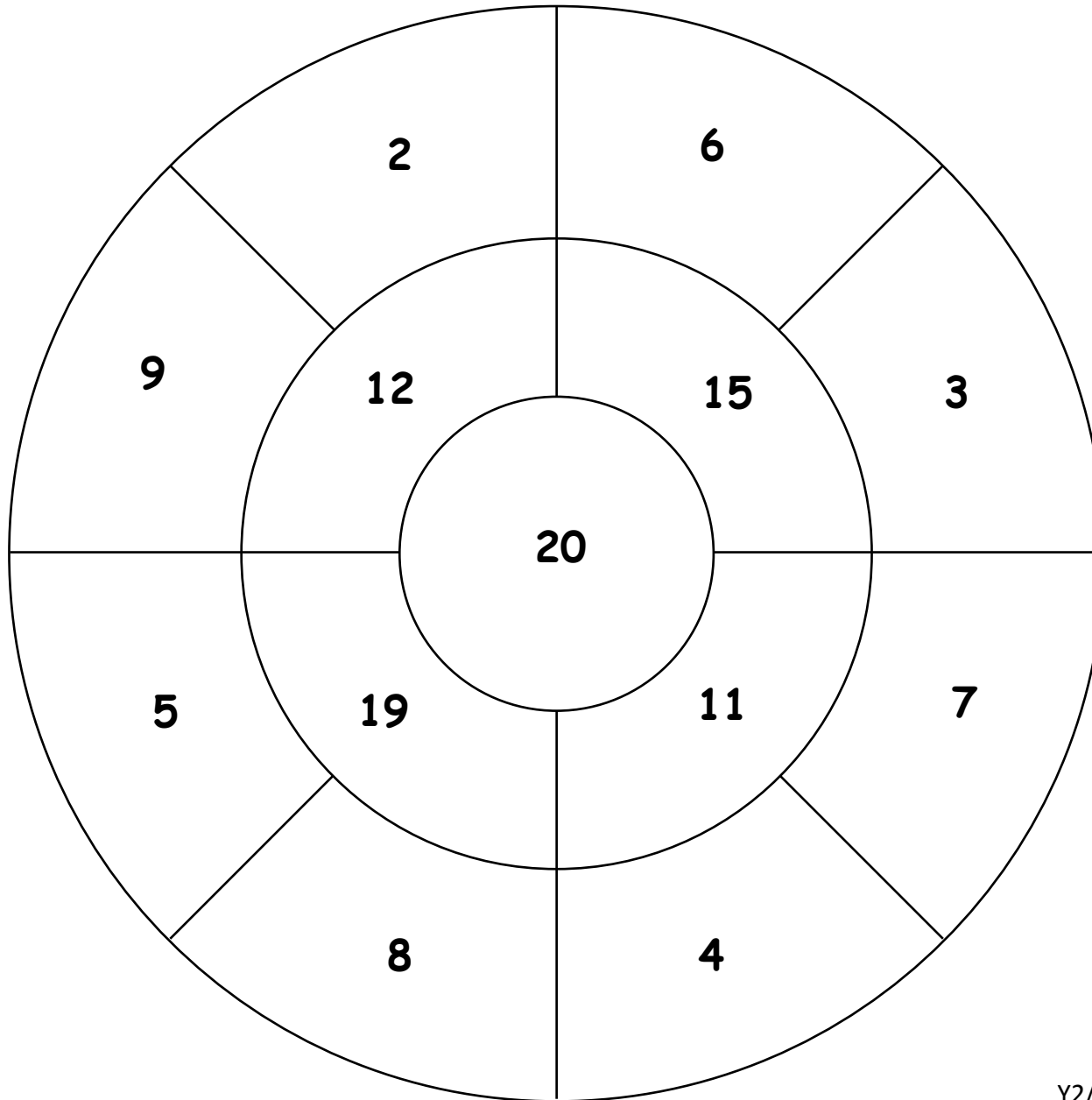
8. $76 - 4$

16. $135 - 2$

8. $62 - 4$

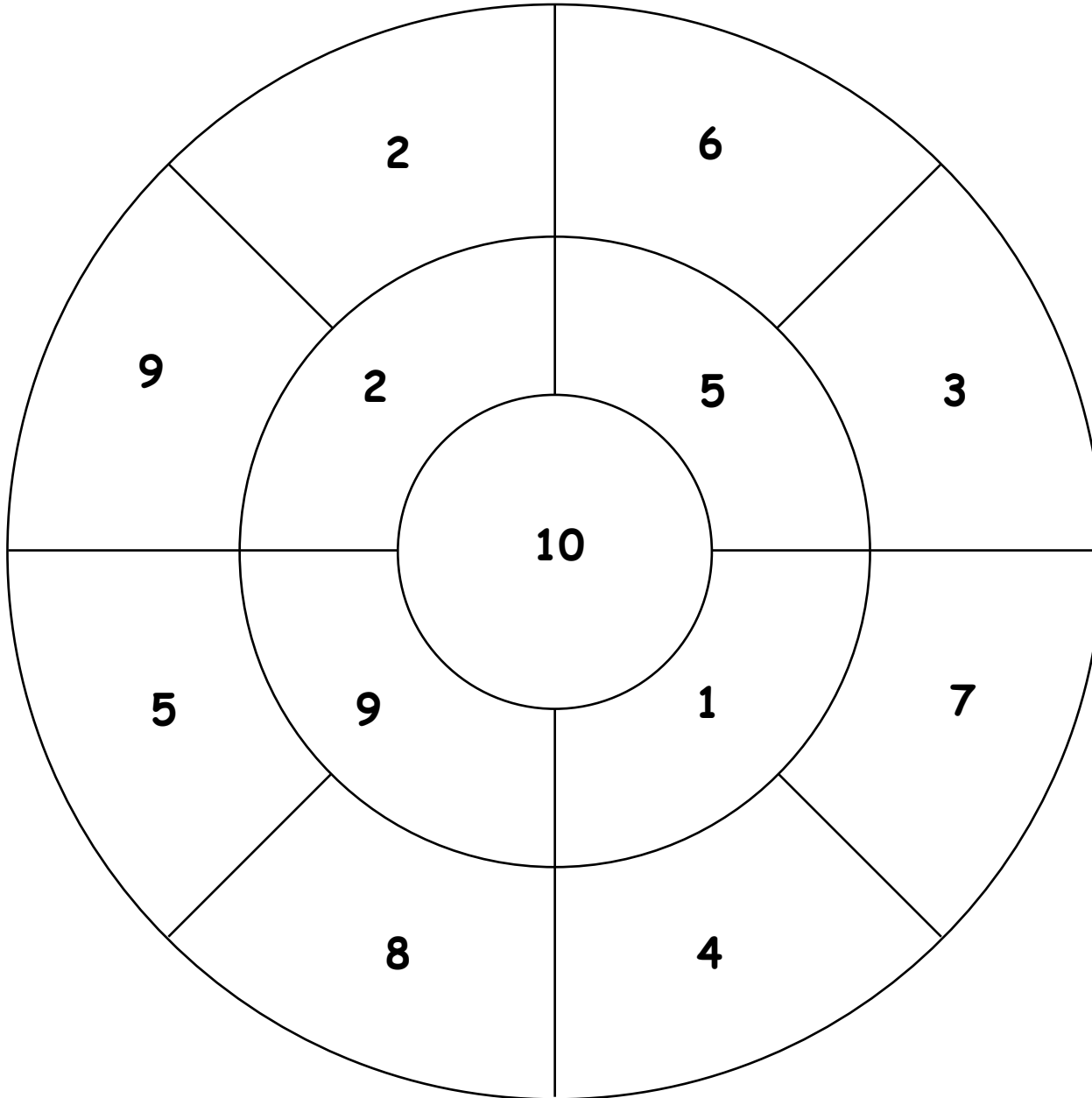
16. $133 - 5$

Tiddlywinks



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50
100 99 98 97 96 95 94 93 92 91 90 89 88 87 86 85 84 83 82 81
80 79 78 77 76 75 74 73 72 71 70 69 68 67 66 65 64 63 62 61 60 59 58 57 56 55 54 53 52 51

Tiddlywinks



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50
100 99 98 97 96 95 94 93 92 91 90 89 88 87 86 85 84 83 82 81
80 79 78 77 76 75 74 73 72 71 70 69 68 67 66 65 64 63 62 61 60 59 58 57 56 55 54 53 52 51

Maths Answers Autumn Year 2/3

Week 2:

Missing numbers

$$\begin{array}{cccc} 14 + \mathbf{6} = 20 & 9 + \mathbf{11} = 20 & 12 + \mathbf{8} = 20 & 19 + \mathbf{1} = 20 \\ \mathbf{10} + 10 = 20 & 13 + \mathbf{7} = 20 & 17 + \mathbf{3} = 20 & \mathbf{15} + 5 = 20 \end{array}$$

Pairs to 10 and 20

$$\begin{array}{ll} 8 + 2 = 10 & 7 + 3 = 10 \\ 2 + 8 = 10 & 3 + 7 = 10 \\ 10 - 2 = 8 & 10 - 3 = 7 \\ 10 - 8 = 2 & 10 - 7 = 3 \end{array}$$

$$\begin{array}{ll} 15 + 5 = 20 & 12 + 8 = 20 \\ 5 + 15 = 20 & 8 + 12 = 20 \\ 20 - 5 = 15 & 20 - 8 = 12 \\ 20 - 15 = 20 & 20 - 12 = 8 \end{array}$$

$$\begin{array}{ll} 17 + 3 = 20 & 19 + 1 = 20 \\ 3 + 17 = 20 & 1 + 19 = 20 \\ 20 - 3 = 17 & 20 - 1 = 19 \\ 20 - 17 = 3 & 20 - 19 = 1 \end{array}$$

Adding one-digit to two-digit numbers

<u>A</u>	<u>B</u>
1. $21 + 9 = \mathbf{30}$	1. $39 + 5 = \mathbf{44}$
2. $45 + 5 = \mathbf{50}$	2. $28 + 4 = \mathbf{32}$
3. $73 + 7 = \mathbf{80}$	3. $36 + 6 = \mathbf{42}$
4. $14 + 6 = \mathbf{20}$	4. $45 + 7 = \mathbf{52}$
5. $68 + 2 = \mathbf{70}$	5. $78 + 8 = \mathbf{86}$
6. $33 + 5 = \mathbf{38}$	6. $33 + 9 = \mathbf{42}$
7. $25 + 3 = \mathbf{28}$	7. $27 + 5 = \mathbf{32}$
8. $62 + 4 = \mathbf{66}$	8. $18 + 6 = \mathbf{24}$
9. $83 + 3 = \mathbf{86}$	9. $12 + 9 = \mathbf{21}$
10. $21 + 7 = \mathbf{28}$	10. $46 + 8 = \mathbf{54}$
11. $47 + 2 = \mathbf{49}$	11. $87 + 4 = \mathbf{91}$
12. $13 + 6 = \mathbf{19}$	12. $34 + 8 = \mathbf{42}$
13. $114 + 6 = \mathbf{120}$	13. $128 + 4 = \mathbf{132}$
14. $123 + 5 = \mathbf{128}$	14. $144 + 6 = \mathbf{150}$
15. $154 + 3 = \mathbf{157}$	15. $119 + 6 = \mathbf{125}$
16. $194 + 5 = \mathbf{199}$	16. $175 + 6 = \mathbf{181}$

Add and subtract single-digit numbers

- | | | |
|------------------|---------------|---------------|
| 1. $6 + 3 = 9$ | $16 + 3 = 19$ | $26 + 3 = 29$ |
| 2. $2 + 5 = 7$ | $22 + 5 = 27$ | $42 + 5 = 47$ |
| 3. $8 - 2 = 6$ | $28 - 2 = 26$ | $48 - 2 = 46$ |
| 4. $7 - 5 = 2$ | $37 - 5 = 32$ | $87 - 5 = 82$ |
| 5. $24 + 3 = 27$ | $54 + 3 = 57$ | $84 + 3 = 87$ |
| 6. $48 - 3 = 45$ | $68 - 3 = 65$ | $98 - 3 = 95$ |

Subtracting one-digit from two-digit numbers

<u>A</u>	<u>B</u>
1. $88 - 8 = 80$	1. $21 - 9 = 12$
2. $75 - 5 = 70$	2. $45 - 6 = 39$
3. $62 - 2 = 60$	3. $73 - 7 = 66$
4. $78 - 5 = 73$	4. $14 - 6 = 8$
5. $45 - 2 = 43$	5. $61 - 2 = 59$
6. $48 - 6 = 42$	6. $33 - 5 = 28$
7. $69 - 6 = 63$	7. $25 - 8 = 17$
8. $76 - 4 = 72$	8. $62 - 4 = 58$
9. $55 - 3 = 52$	9. $83 - 7 = 76$
10. $39 - 5 = 34$	10. $21 - 7 = 14$
11. $15 - 4 = 11$	11. $42 - 7 = 35$
12. $46 - 5 = 41$	12. $13 - 6 = 7$
13. $117 - 5 = 112$	13. $142 - 6 = 136$
14. $146 - 4 = 142$	14. $161 - 4 = 157$
15. $187 - 3 = 184$	15. $115 - 8 = 107$
16. $135 - 2 = 133$	16. $133 - 5 = 128$