

Day 1

### Adding 2-Digit Numbers and Tens, Not Crossing 100

1. $30 + 10 =$ _____ $35 + 10 =$ _____ $37 + 10 =$ _____ $38 + 10 =$ _____	2. $20 + 30 =$ _____ $25 + 30 =$ _____ $26 + 30 =$ _____ $29 + 30 =$ _____
3. $10 + 20 =$ _____ $16 + 20 =$ _____ $17 + 20 =$ _____ $19 + 20 =$ _____	4. $40 + 50 =$ _____ $43 + 50 =$ _____ $44 + 50 =$ _____ $48 + 50 =$ _____
5. $50 + 30 =$ _____ $54 + 30 =$ _____ $55 + 30 =$ _____ $58 + 30 =$ _____	6. $20 + 60 =$ _____ $25 + 60 =$ _____ $27 + 60 =$ _____ $28 + 60 =$ _____
7. $60 + 20 =$ _____ $61 + 20 =$ _____ $64 + 20 =$ _____ $68 + 20 =$ _____	8. $70 + 20 =$ _____ $72 + 20 =$ _____ $74 + 20 =$ _____ $78 + 20 =$ _____
9. _____ + 40 = 70 _____ + 40 = 71 _____ + 40 = 74 _____ + 40 = 77	10. _____ + 60 = 90 _____ + 60 = 93 _____ + 60 = 96 _____ + 60 = 99

Day 2

### Adding 2-Digit Numbers and Tens, Not Crossing 100

$$\begin{array}{r} 1) \quad 30 \\ + 54 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 2) \quad 20 \\ + 78 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 3) \quad 53 \\ + 40 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 4) \quad 30 \\ + 45 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 5) \quad 16 \\ + 40 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 6) \quad 23 \\ + 30 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 7) \quad 12 \\ + 70 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 8) \quad 55 \\ + 20 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 9) \quad 13 \\ + 10 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 10) \quad 56 \\ + 10 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 11) \quad 10 \\ + 18 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 12) \quad 80 \\ + 18 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 13) \quad 50 \\ + 32 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 14) \quad 90 \\ + 5 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 15) \quad 70 \\ + 15 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 16) \quad 16 \\ + 20 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 17) \quad 27 \\ + 50 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 18) \quad 35 \\ + 30 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 19) \quad 24 \\ + 10 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 20) \quad 12 \\ + 60 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 21) \quad 14 \\ + 70 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 22) \quad 24 \\ + 20 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 23) \quad 40 \\ + 24 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 24) \quad 42 \\ + 30 \\ \hline \\ \hline \end{array}$$

## Subtracting Tens from 2-Digit Numbers, Not Crossing 100

$20 - 10 =$ _____ $30 - 10 =$ _____ $60 - 10 =$ _____ $70 - 10 =$ _____	$21 - 20 =$ _____ $41 - 20 =$ _____ $51 - 20 =$ _____ $71 - 20 =$ _____
$37 - 10 =$ _____ $57 - 10 =$ _____ $87 - 10 =$ _____ $97 - 10 =$ _____	$39 - 30 =$ _____ $59 - 30 =$ _____ $79 - 30 =$ _____ $89 - 30 =$ _____
$43 - 40 =$ _____ $53 - 40 =$ _____ $73 - 40 =$ _____ $93 - 40 =$ _____	$62 - 60 =$ _____ $72 - 60 =$ _____ $82 - 60 =$ _____ $92 - 60 =$ _____
$25 - 20 =$ _____ $35 - 20 =$ _____ $45 - 20 =$ _____ $85 - 20 =$ _____	$59 - 50 =$ _____ $69 - 50 =$ _____ $79 - 50 =$ _____ $99 - 50 =$ _____
_____ - 10 = 7 _____ - 10 = 27 _____ - 10 = 37 _____ - 10 = 77	_____ - 40 = 11 _____ - 40 = 21 _____ - 40 = 31 _____ - 40 = 51

Day 3

### Subtracting Tens and Ones from 2-Digit Numbers, Not Crossing 100

$$\begin{array}{r} 1) \quad 50 \\ \quad - 25 \\ \hline \end{array}$$

$$\begin{array}{r} 2) \quad 80 \\ \quad - 42 \\ \hline \end{array}$$

$$\begin{array}{r} 3) \quad 70 \\ \quad - 36 \\ \hline \end{array}$$

$$\begin{array}{r} 4) \quad 94 \\ \quad - 50 \\ \hline \end{array}$$

$$\begin{array}{r} 5) \quad 60 \\ \quad - 31 \\ \hline \end{array}$$

$$\begin{array}{r} 6) \quad 40 \\ \quad - 31 \\ \hline \end{array}$$

$$\begin{array}{r} 7) \quad 59 \\ \quad - 40 \\ \hline \end{array}$$

$$\begin{array}{r} 8) \quad 90 \\ \quad - 81 \\ \hline \end{array}$$

$$\begin{array}{r} 9) \quad 50 \\ \quad - 27 \\ \hline \end{array}$$

$$\begin{array}{r} 10) \quad 85 \\ \quad - 60 \\ \hline \end{array}$$

$$\begin{array}{r} 11) \quad 72 \\ \quad - 50 \\ \hline \end{array}$$

$$\begin{array}{r} 12) \quad 46 \\ \quad - 20 \\ \hline \end{array}$$

$$\begin{array}{r} 13) \quad 60 \\ \quad - 28 \\ \hline \end{array}$$

$$\begin{array}{r} 14) \quad 91 \\ \quad - 20 \\ \hline \end{array}$$

$$\begin{array}{r} 15) \quad 40 \\ \quad - 19 \\ \hline \end{array}$$

$$\begin{array}{r} 16) \quad 59 \\ \quad - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 17) \quad 80 \\ \quad - 19 \\ \hline \end{array}$$

$$\begin{array}{r} 18) \quad 59 \\ \quad - 50 \\ \hline \end{array}$$

$$\begin{array}{r} 19) \quad 45 \\ \quad - 40 \\ \hline \end{array}$$

$$\begin{array}{r} 20) \quad 55 \\ \quad - 30 \\ \hline \end{array}$$

$$\begin{array}{r} 21) \quad 90 \\ \quad - 72 \\ \hline \end{array}$$

$$\begin{array}{r} 22) \quad 62 \\ \quad - 20 \\ \hline \end{array}$$

$$\begin{array}{r} 23) \quad 77 \\ \quad - 30 \\ \hline \end{array}$$

$$\begin{array}{r} 24) \quad 88 \\ \quad - 40 \\ \hline \end{array}$$

## Subtracting Tens and Ones from 2-Digit Numbers, Not Crossing 100

$$\begin{array}{r} 1) \quad 65 \\ \quad - 56 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 2) \quad 74 \\ \quad - 46 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 3) \quad 84 \\ \quad - 57 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 4) \quad 41 \\ \quad - 32 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 5) \quad 65 \\ \quad - 36 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 6) \quad 82 \\ \quad - 17 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 7) \quad 92 \\ \quad - 63 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 8) \quad 75 \\ \quad - 38 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 9) \quad 75 \\ \quad - 38 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 10) \quad 61 \\ \quad - 54 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 11) \quad 43 \\ \quad - 29 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 12) \quad 56 \\ \quad - 37 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 13) \quad 85 \\ \quad - 39 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 14) \quad 38 \\ \quad - 27 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 15) \quad 42 \\ \quad - 26 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 16) \quad 65 \\ \quad - 48 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 17) \quad 58 \\ \quad - 49 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 18) \quad 87 \\ \quad - 35 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 19) \quad 67 \\ \quad - 49 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 20) \quad 88 \\ \quad - 34 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 21) \quad 64 \\ \quad - 38 \\ \hline \\ \hline \end{array}$$

Day 4

### Subtracting Tens and Ones from 3-Digit Numbers, Not Crossing 100

$$\begin{array}{r} 1) \quad 100 \\ - 40 \\ \hline \end{array}$$

$$\begin{array}{r} 2) \quad 108 \\ - 64 \\ \hline \end{array}$$

$$\begin{array}{r} 3) \quad 112 \\ - 60 \\ \hline \end{array}$$

$$\begin{array}{r} 4) \quad 116 \\ - 82 \\ \hline \end{array}$$

$$\begin{array}{r} 5) \quad 130 \\ - 56 \\ \hline \end{array}$$

$$\begin{array}{r} 6) \quad 101 \\ - 70 \\ \hline \end{array}$$

$$\begin{array}{r} 7) \quad 170 \\ - 71 \\ \hline \end{array}$$

$$\begin{array}{r} 8) \quad 165 \\ - 80 \\ \hline \end{array}$$

$$\begin{array}{r} 9) \quad 128 \\ - 70 \\ \hline \end{array}$$

$$\begin{array}{r} 10) \quad 149 \\ - 70 \\ \hline \end{array}$$

$$\begin{array}{r} 11) \quad 130 \\ - 68 \\ \hline \end{array}$$

$$\begin{array}{r} 12) \quad 102 \\ - 80 \\ \hline \end{array}$$

$$\begin{array}{r} 13) \quad 125 \\ - 90 \\ \hline \end{array}$$

$$\begin{array}{r} 14) \quad 130 \\ - 69 \\ \hline \end{array}$$

$$\begin{array}{r} 15) \quad 138 \\ - 70 \\ \hline \end{array}$$

$$\begin{array}{r} 16) \quad 105 \\ - 70 \\ \hline \end{array}$$

$$\begin{array}{r} 17) \quad 109 \\ - 50 \\ \hline \end{array}$$

$$\begin{array}{r} 18) \quad 140 \\ - 99 \\ \hline \end{array}$$

$$\begin{array}{r} 19) \quad 132 \\ - 30 \\ \hline \end{array}$$

$$\begin{array}{r} 20) \quad 119 \\ - 54 \\ \hline \end{array}$$

$$\begin{array}{r} 21) \quad 154 \\ - 30 \\ \hline \end{array}$$

**Adding Three One-Digit Numbers to 10**

Circle the pairs of numbers that add up to 10, then add the third number to make the total.

$4 + 6 + 3 = \square$

$5 + 5 + 6 = \square$

$7 + 3 + 4 = \square$

$8 + 2 + 9 = \square$

$1 + 9 + 7 = \square$

$7 + 2 + 3 = \square$

$6 + 3 + 4 = \square$

$3 + 8 + 7 = \square$

$5 + 3 + 5 = \square$

$2 + 9 + 8 = \square$

$5 + 8 + 5 = \square$

$5 + 7 + 3 = \square$

$4 + 8 + 2 = \square$

$9 + 5 + 1 = \square$

$8 + 2 + 7 = \square$

$7 + 7 + 3 = \square$

$4 + 8 + 2 = \square$

$5 + 5 + 5 = \square$

$3 + 3 + 7 = \square$

$8 + 8 + 2 = \square$

$6 + 4 + 6 = \square$

$5 + 2 + 5 = \square$

$1 + 1 + 9 = \square$

$7 + 8 + 3 = \square$

$5 + 7 + 5 = \square$

$6 + 4 + 9 = \square$

$7 + 2 + 3 = \square$

$6 + 3 + 7 = \square$

$7 + 6 + 4 = \square$

$9 + 2 + 8 = \square$

**Challenge:** Can you use number bonds to 10 to make sets of 4 one-digit numbers that total 20? How many different sets can you make?

## Adding Three One-Digit Numbers - Which 3 Numbers?

Choose 3 numbers which add to the total given. Write as a calculation.

1. Which 3 numbers add to 15? 4 5 7 6 1 ____ + ____ + ____ = 15	8. Which 3 numbers add to 20? 6 5 9 2 6 ____ + ____ + ____ = 20	15. Which 3 numbers add to 23? 4 6 8 5 9 ____ + ____ + ____ = 23
2. Which 3 numbers add to 18? 9 1 4 5 8 ____ + ____ + ____ = 18	9. Which 3 numbers add to 7? 4 6 2 3 1 ____ + ____ + ____ = 7	16. Which 3 numbers add to 8? 2 3 5 5 1 ____ + ____ + ____ = 8
3. Which 3 numbers add to 16? 3 7 8 1 2 ____ + ____ + ____ = 16	10. Which 3 numbers add to 13? 3 5 7 9 5 ____ + ____ + ____ = 13	17. Which 3 numbers add to 19? 4 6 8 5 9 ____ + ____ + ____ = 19
4. Which 3 numbers add to 20? 8 4 5 6 8 ____ + ____ + ____ = 20	11. Which 3 numbers add to 11? 3 4 2 5 1 ____ + ____ + ____ = 11	18. Which 3 numbers add to 24? 8 7 6 9 5 ____ + ____ + ____ = 24
5. Which 3 numbers add to 12? 3 2 4 5 1 ____ + ____ + ____ = 12	12. Which 3 numbers add to 22? 7 8 2 9 5 ____ + ____ + ____ = 22	19. Which 3 numbers add to 15? 4 2 6 3 5 ____ + ____ + ____ = 15
6. Which 3 numbers add to 10? 2 3 4 1 3 ____ + ____ + ____ = 10	13. Which 3 numbers add to 17? 6 5 8 2 4 ____ + ____ + ____ = 17	20. Which 3 numbers add to 20? 6 7 3 4 9 ____ + ____ + ____ = 20
7. Which 3 numbers add to 14? 3 5 7 8 4 ____ + ____ + ____ = 14	14. Which 3 numbers add to 9? 4 3 5 4 1 ____ + ____ + ____ = 9	21. Which 3 numbers add to 12? 3 8 1 2 5 ____ + ____ + ____ = 12

Challenge: using just the numbers 1, 2, 3, 4 and 5, find as many ways as possible of adding 3 numbers to make 8, 10 and 12.



# Answers

## Day 1

Sheet 1.				
1	40	45	47	48
2	50	55	56	59
3	30	36	37	39
4	90	93	94	98
5	80	84	85	88
6	80	85	87	88
7	80	81	84	88
8	90	92	94	98
9	30	31	34	37
10	30	33	36	39

## Day 2

1	84	2	98	3	93
4	75	5	56	6	53
7	82	8	75	9	23
10	66	11	28	12	98
13	82	14	95	15	85
16	36	17	77	18	65
19	34	20	72	21	84
22	44	23	64	24	72

## Subtracting Tens from 2-Digit Numbers, Not Crossing 100: Answers

question	answer			
<b>Sheet 1.</b>				
1	10	20	50	60
2	1	21	31	51
3	27	47	77	87
4	9	29	49	59
5	3	13	33	53
6	2	12	22	32
7	5	15	25	65
8	9	19	29	49
9	17	37	47	87
10	51	61	71	91

Day 3

question	answer				
<b>Sheet 1.</b>					
1	25	2	38	3	34
4	44	5	29	6	9
7	19	8	11	9	23
10	25	11	22	12	26
13	32	14	71	15	21
16	57	17	61	18	9
19	5	20	25	21	18
22	42	23	47	24	48
<b>Sheet 2.</b>					
1	9	2	28	3	27
4	9	5	29	6	65
7	29	8	37	9	37
10	7	11	14	12	19
13	46	14	11	15	16
16	17	17	9	18	52
19	18	20	54	21	26

## Day 4

1. 60
2. 44
3. 52
4. 34
5. 74
6. 31
7. 99
8. 85
9. 58
10. 79
11. 52
12. 22
13. 35
14. 61
15. 68
16. 22
17. 59
18. 41
19. 102
20. 65
21. 124

## Day 5

question	answer
Sheet 1.	
1	$4 + 6 + 3 = 13$
2	$5 + 5 + 6 = 16$
3	$7 + 3 + 4 = 14$
4	$8 + 2 + 9 = 19$
5	$1 + 9 + 7 = 17$
6	$7 + 2 + 3 = 12$
7	$6 + 3 + 4 = 13$
8	$3 + 8 + 7 = 18$
9	$5 + 3 + 5 = 13$
10	$2 + 9 + 8 = 19$
11	$5 + 8 + 5 = 18$
12	$5 + 7 + 3 = 15$
13	$4 + 8 + 2 = 14$
14	$9 + 5 + 1 = 15$
15	$8 + 2 + 7 = 17$
16	$7 + 7 + 3 = 17$ (can be either 7)
17	$4 + 8 + 2 = 14$
18	$5 + 5 + 5 = 15$ (can be either 5)
19	$3 + 3 + 7 = 13$ (can be either 3)
20	$8 + 8 + 2 = 18$ (can be either 8)
21	$6 + 4 + 6 = 16$ (can be either 6)
22	$5 + 2 + 5 = 12$
23	$1 + 1 + 9 = 11$ (can be either 1)
24	$7 + 8 + 3 = 18$
25	$5 + 7 + 5 = 17$
26	$6 + 4 + 9 = 19$
27	$7 + 2 + 3 = 12$
28	$6 + 3 + 7 = 16$
29	$7 + 6 + 4 = 17$
30	$9 + 2 + 8 = 19$

### Adding Three One-Digit Numbers - Which 3 numbers: Answers

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question	answer
Sheet 1.	
1	$4 + 5 + 6$
2	$9 + 1 + 8$
3	$7 + 8 + 1$
4	$8 + 8 + 4$
5	$3 + 4 + 5$
6	$3 + 3 + 4$
7	$7 + 3 + 4$
8	$6 + 5 + 9$
9	$4 + 2 + 1$
10	$5 + 5 + 3$
11	$5 + 4 + 2$
12	$9 + 8 + 5$
13	$5 + 8 + 4$
14	$4 + 4 + 1$
15	$6 + 8 + 9$
16	$2 + 5 + 1$
17	$4 + 6 + 9$
18	$8 + 7 + 9$
19	$4 + 6 + 5$
20	$7 + 4 + 9$
21	$3 + 8 + 1$