

Versa
Tiles

Addition and Subtraction

Beyond 20

Math



ETA
hand2
mind

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16 17 18 19 20 21 22 9 8 7 6 5 4 3 2 1

Addition Fun!

Find the sum.

Example

$42 + 6$

Think: $2 + 6 = 8$

So, $42 + 6 = 48$.

Find the sum.

1 $33 + 6$

2 $41 + 7$

3 $25 + 4$

4 $72 + 5$

5 $63 + 2$

6 $23 + 4$

7 $42 + 3$

8 $77 + 2$

9 $31 + 6$

10 $64 + 4$

11 $46 + 3$

12 $94 + 5$

A	B	C	D	E	F
45	68	65	37	99	79
77	39	29	49	27	48
G	H	I	J	K	L

Objective: Find the sum of a 2-digit number and a 1-digit number without regrouping.



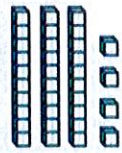
Let's Add

Example

Find the sum.

$$\begin{array}{r} 34 \\ + 3 \\ \hline \end{array}$$

Think:



34



35

36

37

So, the sum is **37**.

Find the sum.

1

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

2

$$\begin{array}{r} 68 \\ + 1 \\ \hline \end{array}$$

3

$$\begin{array}{r} 24 \\ + 3 \\ \hline \end{array}$$

4

$$\begin{array}{r} 23 \\ + 5 \\ \hline \end{array}$$

5

$$\begin{array}{r} 84 \\ + 3 \\ \hline \end{array}$$

6

$$\begin{array}{r} 55 \\ + 4 \\ \hline \end{array}$$

7 64
+ 3

8 42
+ 5

9 52
+ 6

10 28
+ 1

11 63
+ 2

12 54
+ 3



A	B	C	D	E	F
27	65	69	59	28	29
87	58	57	47	67	49
G	H	I	J	K	L

Objective: Find the sum of a 2-digit number and a 1-digit number.

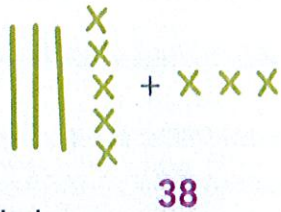


Adding Up

Example

Find the sum.

$$\begin{array}{r} 35 \\ + 3 \\ \hline \end{array}$$



Look at the model.

It shows 3 tens. It shows $5 + 3 = 8$ ones.

So, the sum is **38**.

Find the sum.

1

$$\begin{array}{r} 74 \\ + 4 \\ \hline \end{array}$$

2

$$\begin{array}{r} 92 \\ + 7 \\ \hline \end{array}$$

3

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

4

$$\begin{array}{r} 64 \\ + 4 \\ \hline \end{array}$$

5

$$\begin{array}{r} 63 \\ + 6 \\ \hline \end{array}$$

6

$$\begin{array}{r} 72 \\ + 5 \\ \hline \end{array}$$

7 25
+ 5

8 91
+ 5

9 32
+ 5

10 74
+ 5

11 21
+ 6

12 94
+ 3



A	B	C	D	E	F
29	37	79	30	77	99
69	27	78	68	97	96
G	H	I	J	K	L

Objective: Find the sum of a 2-digit number and a 1-digit number.



Make Tens

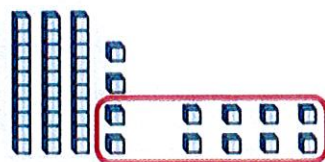
Add.

$$34 + 8$$

Think: $2 + 8 = 10$

$$32 + 10 = 42$$

$$\text{So, } 34 + 8 = \mathbf{42}$$



Example

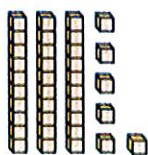
Add.

1



6

+



36

2



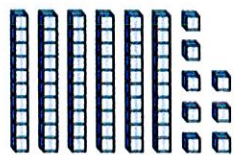
24

+



8

3



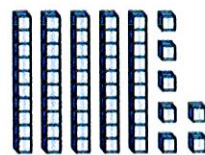
68

+



3

4



57

+



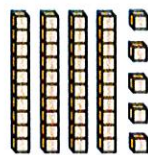
6

5



6

+



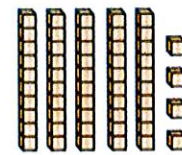
45

6



8

+



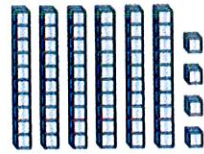
54

7



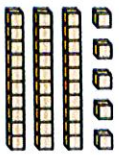
$19 + 3$

8



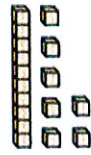
$64 + 9$

9



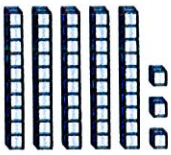
$35 + 8$

10



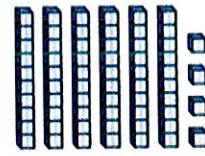
$17 + 7$

11



$53 + 8$

12



$64 + 6$

A	B	C	D	E	F
71	61	32	62	63	24
51	43	70	73	22	42
G	H	I	J	K	L

Objective: Find the sum of a 2-digit number and a 1-digit number including composing a ten.



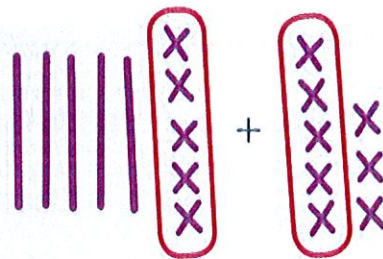
Find a Ten

Draw a picture to solve.

$$55 + 8 = \blacksquare$$

Think: $8 = 5 + 3$
Then $55 + 5 = 60$,
and $60 + 3 = 63$

So, $55 + 8 = 63$



Example

Draw a picture to solve.

1 $65 + 9 = \blacksquare$

2 $86 + 7 = \blacksquare$

3

$$\begin{array}{r} 8 \\ + 24 \\ \hline \blacksquare \end{array}$$

4

$$\begin{array}{r} 4 \\ + 29 \\ \hline \blacksquare \end{array}$$

5 $34 + 7 = \blacksquare$

6 $6 + 66 = \blacksquare$

Draw a picture to solve.

7 $4 + 79 = \blacksquare$

8 $56 + 7 = \blacksquare$

9
$$\begin{array}{r} 5 \\ + 48 \\ \hline \blacksquare \end{array}$$

10
$$\begin{array}{r} 64 \\ + 7 \\ \hline \blacksquare \end{array}$$

11
$$\begin{array}{r} 87 \\ + 7 \\ \hline \blacksquare \end{array}$$

12
$$\begin{array}{r} 95 \\ + 5 \\ \hline \blacksquare \end{array}$$

A	B	C	D	E	F
100	63	83	71	41	94
72	93	33	74	32	53
G	H	I	J	K	L

Objective: Find the sum of a 2-digit and a 1-digit number including composing a ten.



Adding Tens and Ones

Find the sum.

$$\begin{array}{r} \boxed{1} \quad 45 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} \boxed{2} \quad 84 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} \boxed{3} \quad 69 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} \boxed{4} \quad 55 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} \boxed{5} \quad 35 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} \boxed{6} \quad 47 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} \boxed{7} \quad 52 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} \boxed{8} \quad 65 \\ + 4 \\ \hline \end{array}$$

Tip

Add the ones,
and then add
the tens.

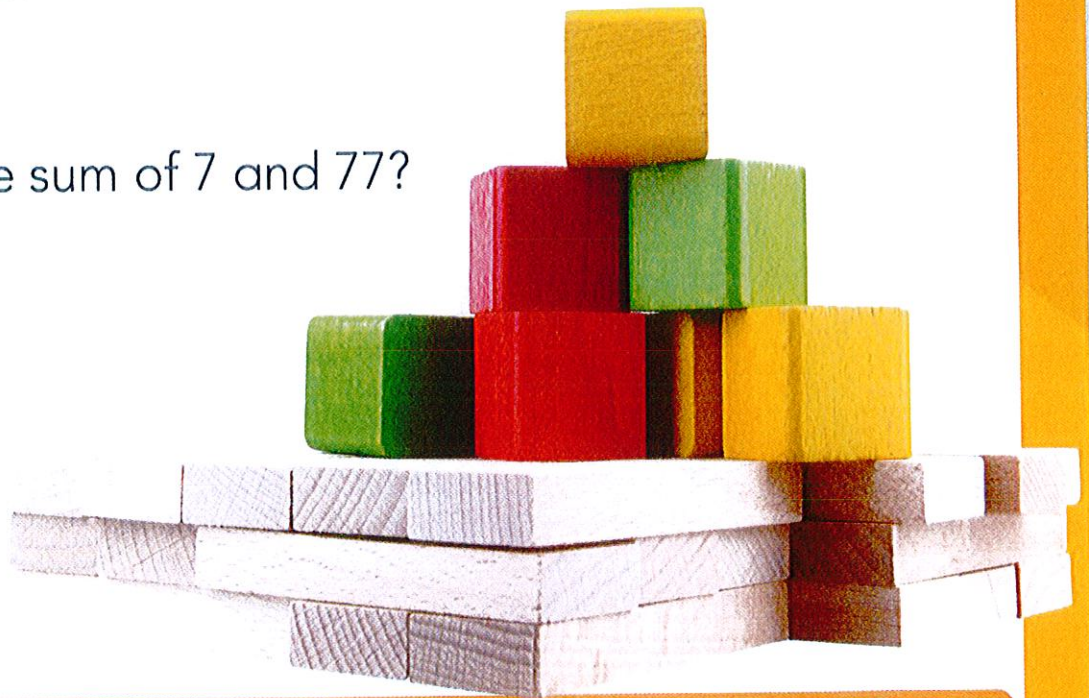
Solve.

9 What is the sum of 38 and 5?

10 Add 49 and 8. What is the sum?

11 Add 5 to 76. What is the sum?

12 What is the sum of 7 and 77?

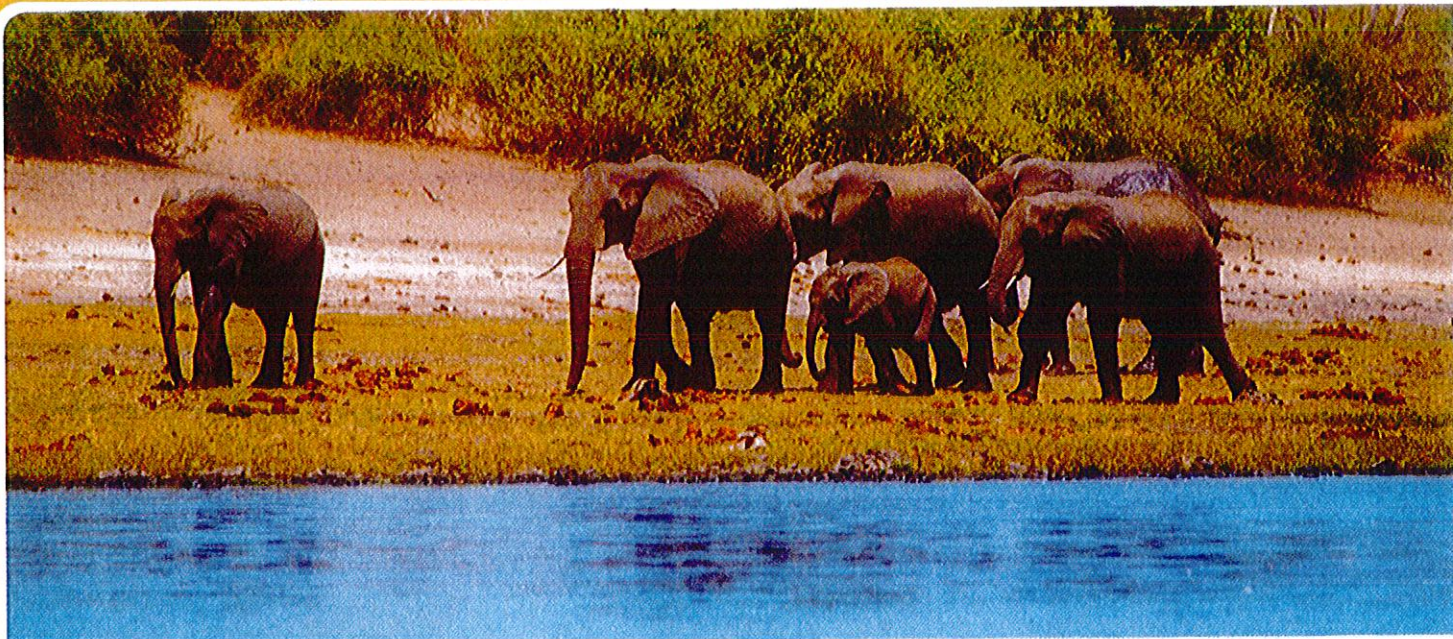


A	B	C	D	E	F
88	53	77	43	54	59
69	84	81	40	57	61
G	H	I	J	K	L

Objective: Find the sum of a 2-digit and a 1-digit number including composing a ten.



Sum It Up



Find the sum.

1
$$\begin{array}{r} 27 \\ + 8 \\ \hline \end{array}$$

2
$$\begin{array}{r} 45 \\ + 6 \\ \hline \end{array}$$

3
$$\begin{array}{r} 55 \\ + 7 \\ \hline \end{array}$$

4
$$\begin{array}{r} 47 \\ + 7 \\ \hline \end{array}$$

5
$$\begin{array}{r} 41 \\ + 2 \\ \hline \end{array}$$

6
$$\begin{array}{r} 58 \\ + 6 \\ \hline \end{array}$$

7
$$\begin{array}{r} 62 \\ + 8 \\ \hline \end{array}$$

8
$$\begin{array}{r} 24 \\ + 6 \\ \hline \end{array}$$

Answer the question.

- 9** 8 and 63 are added. What is their sum?
- 10** What is the sum of seven and twenty-five?
- 11** Add 36 and 5. What is the sum?
- 12** What is the sum of 45 and 7?

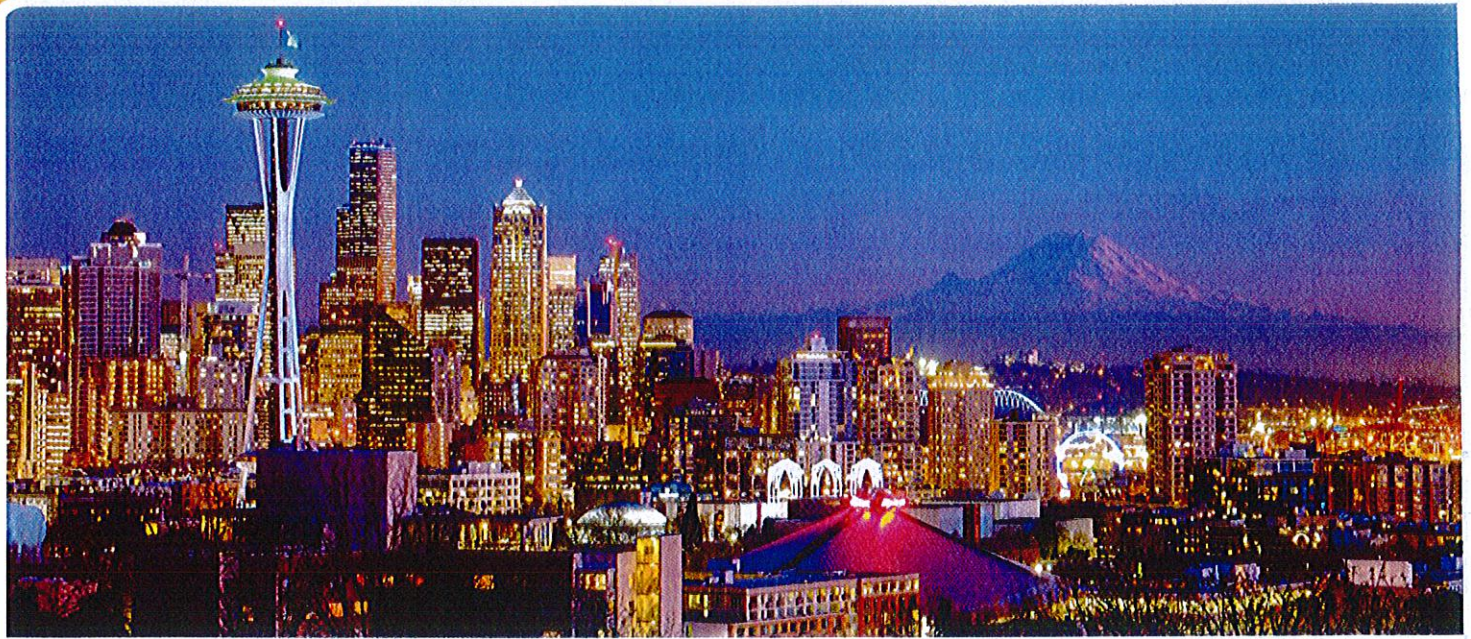


A	B	C	D	E	F
70	35	43	41	64	30
54	32	71	62	52	51
G	H	I	J	K	L


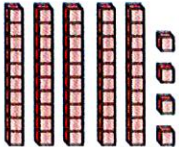
Objective: Find the sum of a 2-digit number and a 1-digit number including composing a ten.




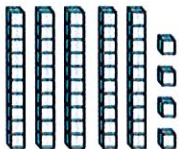
Additional Fun

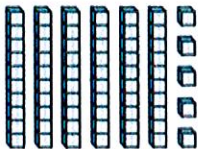




Find the number sentence to match.

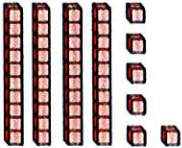

1  + 

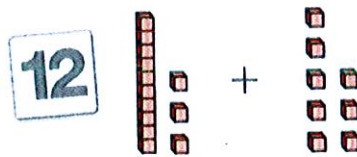
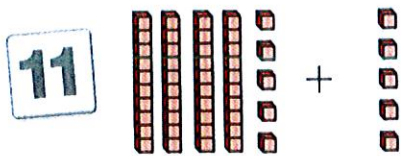
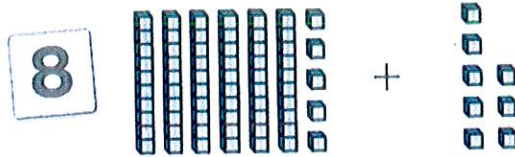
2  + 

3  + 

4  + 

5  + 

6  + 



A	B	C	D	E	F
$8 + 45 = 53$	$7 + 54 = 61$	$65 + 7 = 72$	$8 + 15 = 23$	$72 + 8 = 80$	$46 + 7 = 53$
$6 + 34 = 40$	$45 + 5 = 50$	$44 + 4 = 48$	$2 + 54 = 56$	$13 + 8 = 21$	$65 + 8 = 73$
G	H	I	J	K	L

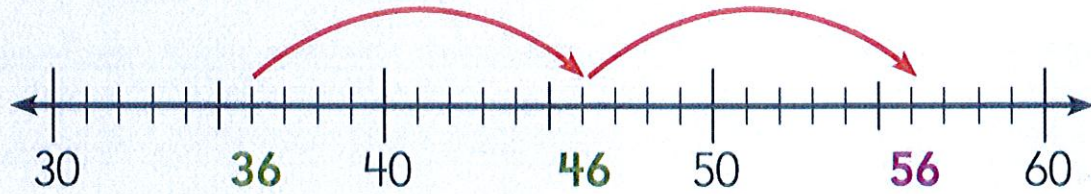
Objective: Find the sum of a 2-digit number and a 1-digit number including composing a ten.



Adding with Multiples of Ten

Find the sum.

$$36 + 20$$



So, $36 + 20 = 56$

Example

Find the sum.

1 $10 + 81$

2 $15 + 10$

3 $30 + 36$

4 $11 + 60$

5 $80 + 16$

6 $40 + 13$

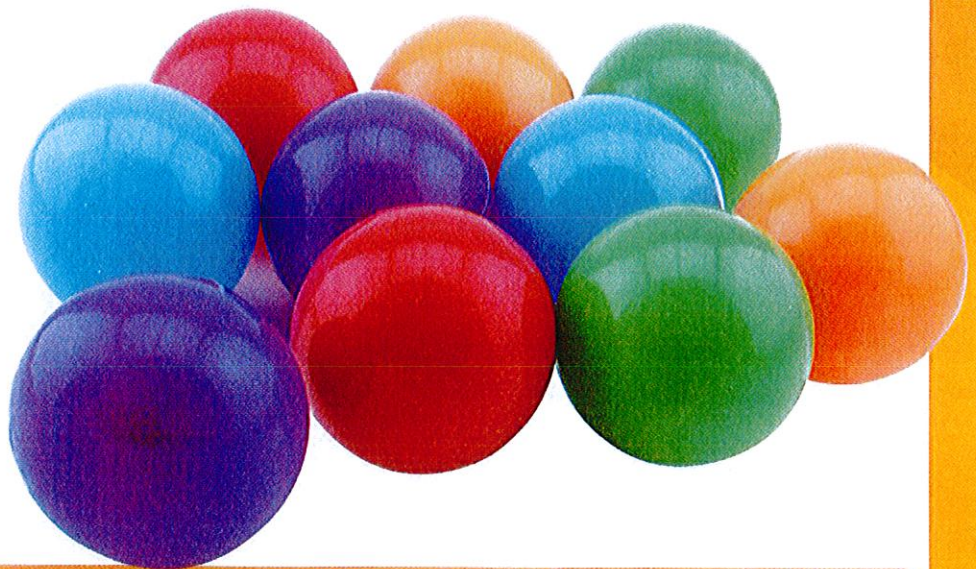
7 $50 + 19$

8 $34 + 20$

9 $10 + 67$

10 $78 + 20$

11 $32 + 50$



12 $70 + 17$

A	B	C	D	E	F
71	98	25	53	96	77
69	91	87	54	66	82
G	H	I	J	K	L

Objective: Add 2-digit numbers with multiples of 10 within 100.



More Multiples



Add.

1 $36 + 30 = \blacksquare$

2 $52 + 10 = \blacksquare$

3 $18 + 30 = \blacksquare$

4 $40 + 47 = \blacksquare$

5 $80 + 15 = \blacksquare$

6 $59 + 40 = \blacksquare$

7 $20 + 52 = \blacksquare$

8 $50 + 24 = \blacksquare$

9 $20 + 74 = \blacksquare$

10 $44 + 20 = \blacksquare$

11 $40 + 40 = \blacksquare$

12 $50 + 18 = \blacksquare$

A	B	C	D	E	F
95	94	72	64	68	62
48	80	66	87	99	74
G	H	I	J	K	L

Objective: Add 2-digit numbers with multiples of 10 within 100.



Ten More

Find the sum.

1 $10 + 18$

2 $46 + 10$

3 $10 + 22$

4 $31 + 10$

5 $45 + 10$

6 $10 + 25$

7
$$\begin{array}{r} 10 \\ + 37 \\ \hline \end{array}$$

8
$$\begin{array}{r} 10 \\ + 49 \\ \hline \end{array}$$

9
$$\begin{array}{r} 10 \\ + 17 \\ \hline \end{array}$$

10
$$\begin{array}{r} 64 \\ + 10 \\ \hline \end{array}$$

11
$$\begin{array}{r} 63 \\ + 10 \\ \hline \end{array}$$

12
$$\begin{array}{r} 10 \\ + 80 \\ \hline \end{array}$$

A	B	C	D	E	F
90	56	55	73	41	74
35	59	32	27	47	28
G	H	I	J	K	L

Objective: Add 10 to 1-digit and 2-digit numbers.



Add Ten

Find the number that is 10 more.

1 45

2 46

3 35

4 66

5 54

6 25

7 78

8 36

9 44

10 38

11 58

12 86



A	B	C	D	E	F
46	96	64	68	48	88
56	35	45	54	55	76
G	H	I	J	K	L

Objective: Name a number that is 10 more than a given number.



Looking for 10 More or 10 Less

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
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Find the number that is 10 more.

1 57

2 80

3 41

4 69

5 23

6 58

Find the number that is 10 less.

7 57

8 80

9 41

10 69

11 23

12 58

Tip

Use the **chart**
to help you.



A	B	C	D	E	F
47	59	31	51	70	48
67	79	33	13	68	90
G	H	I	J	K	L

Objective: Name the number that is 10 more or 10 less than a given number.



10 Less

Find the number that is 10 less.

1 33

2 18

3 77

4 92

5 54

6 37

7 59

8 82

9 30

10 38

11 57

12 58



A	B	C	D	E	F
72	27	28	49	47	67
8	48	82	23	20	44
G	H	I	J	K	L

Objective: Find 10 less than a given number.



More or Less

Add or subtract 10.

1
$$\begin{array}{r} 30 \\ - 10 \\ \hline \end{array}$$

2
$$\begin{array}{r} 10 \\ - 10 \\ \hline \end{array}$$

3 $60 - 10 =$

4 $50 + 10 =$

5
$$\begin{array}{r} 60 \\ + 10 \\ \hline \end{array}$$

6
$$\begin{array}{r} 40 \\ - 10 \\ \hline \end{array}$$

7
$$\begin{array}{r} 90 \\ + 10 \\ \hline \end{array}$$

8
$$\begin{array}{r} 70 \\ + 10 \\ \hline \end{array}$$

9 $100 - 10 =$

10 $20 - 10 =$

11 $100 + 10 =$

12 $50 - 10 =$

Tip

Count on or back by tens to solve.

A	B	C	D	E	F
60	10	40	80	70	90
100	20	30	0	50	110
G	H	I	J	K	L

Objective: Add or subtract 10 from a given number.



Subtracting Multiples of Ten



Subtract.

1 $80 - 40 = \blacksquare$

2 $30 - 10 = \blacksquare$

3 $70 - 20 = \blacksquare$

4 $80 - 80 = \blacksquare$

5 $40 - 30 = \blacksquare$

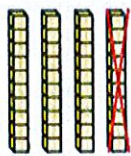
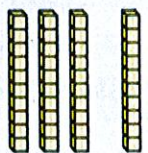
6 $100 - 10 = \blacksquare$

Add to Subtract

Use addition to find the difference.

$$30 + 10 = 40, \text{ so}$$

$$40 - 10 = \blacksquare$$



$$30 + 10 = 40$$

$$40 - 10 = 30$$

$$\text{So, } 40 - 10 = \mathbf{30}$$

Example

Use addition to find the difference.

1 $10 + 10 = 20, \text{ so}$

$$20 - 10 = \blacksquare$$

2 $80 + 10 = 90, \text{ so}$

$$90 - 10 = \blacksquare$$

3 $20 + 20 = 40, \text{ so}$

$$40 - 20 = \blacksquare$$

4 $70 + 20 = 90, \text{ so}$

$$90 - 20 = \blacksquare$$

5 $60 + 20 = 80, \text{ so}$

$$80 - 20 = \blacksquare$$

6 $30 + 20 = 50, \text{ so}$

$$50 - 20 = \blacksquare$$

7 $40 + 50 = 90$, so
 $90 - 40 = \blacksquare$

8 $100 + 10 = 110$, so
 $110 - 10 = \blacksquare$

9 $40 + 60 = 100$, so
 $100 - 60 = \blacksquare$

10 $80 + 0 = 80$, so
 $80 - 80 = \blacksquare$

11 $30 + 90 = 120$, so
 $120 - 30 = \blacksquare$

12 $110 + 10 = 120$, so
 $120 - 10 = \blacksquare$

A	B	C	D	E	F
70	10	20	90	30	80
50	0	60	40	110	100
G	H	I	J	K	L

Objective: Subtract multiples of ten from multiples of ten using the relationship between addition and subtraction.



Ones and Tens

Use place value to subtract.

You know the fact: $5 - 2 = 3$

So, to find $50 - 20 = 30$

Think: 5 tens minus 2 tens equals 3 tens

Example

Use place value to subtract.

1 $3 - 1 = 2$, so
 $30 - 10 = \blacksquare$

2 $10 - 5 = 5$, so
 $100 - 50 = \blacksquare$

3 $8 - 4 = 4$, so
 $80 - 40 = \blacksquare$

4 $9 - 2 = 7$, so
 $90 - 20 = \blacksquare$

5 $8 - 2 = 6$, so
 $80 - 20 = \blacksquare$

6 $3 - 2 = 1$, so
 $30 - 20 = \blacksquare$

7 $7 - 4 = 3$, so
 $70 - 40 = \blacksquare$

8 $8 - 8 = 0$, so
 $80 - 80 = \blacksquare$

9 $12 - 3 = 9$, so
 $120 - 30 = \blacksquare$

10 $11 - 1 = 10$, so
 $110 - 10 = \blacksquare$

11 $12 - 4 = 8$, so
 $120 - 40 = \blacksquare$



12 $12 - 1 = 11$, so
 $120 - 10 = \blacksquare$

A	B	C	D	E	F
80	60	0	10	100	30
90	40	50	110	20	70
G	H	I	J	K	L

Objective: Subtract multiples of ten by relating it to place value.



Tens Minus Tens

Subtract.

1 $40 - 20$

2 $70 - 10$

3 $90 - 80$

4 $80 - 10$

5 $50 - 20$

6 $90 - 10$

7 $70 - 30$

8 $90 - 40$

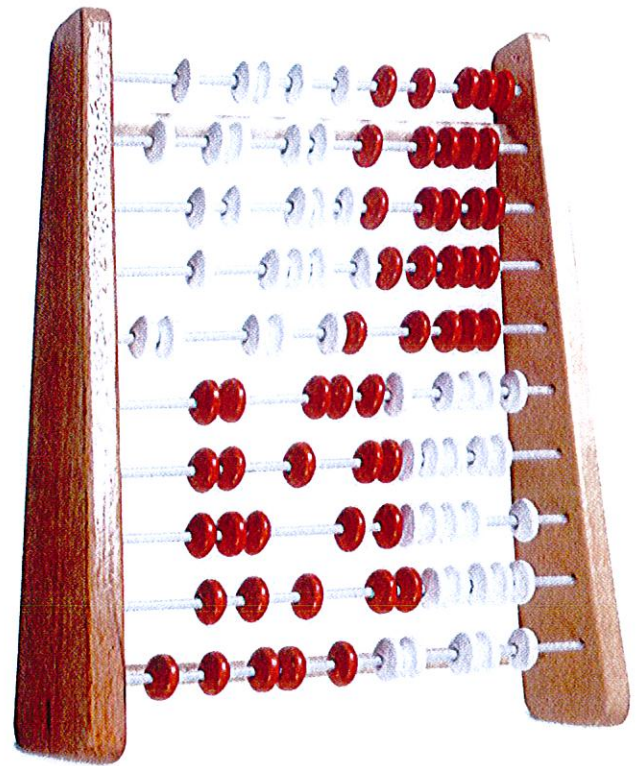
Find the subtraction problem that has the given difference.

9 20

10 40

11 0

12 70



A	B	C	D	E	F
70	$50 - 10$	$90 - 20$	50	10	$90 - 90$
40	20	80	60	30	$60 - 40$
G	H	I	J	K	L

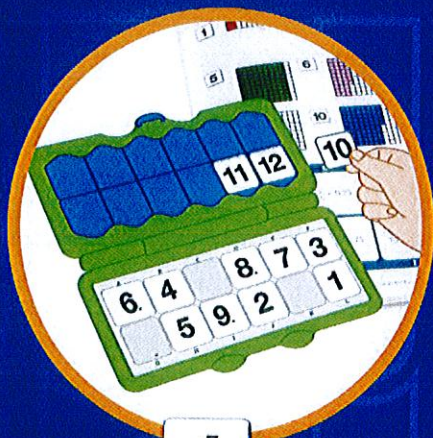
Objective: Subtract multiples of 10 from multiples of 10.



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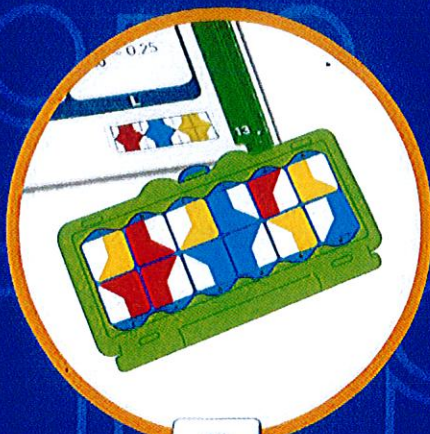
Grade

1



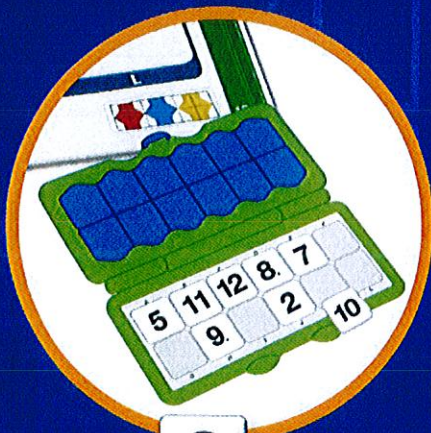
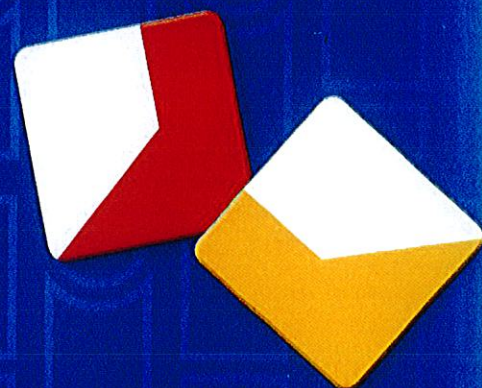
1

Answer questions



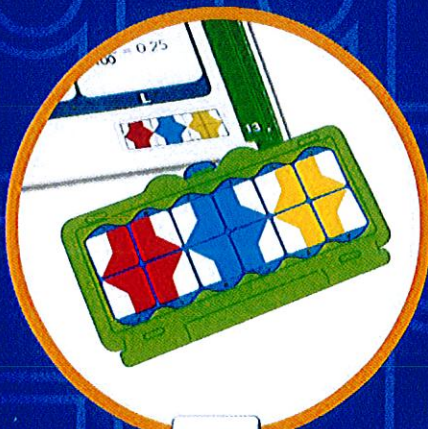
2

Flip and check



3

Open and self-correct



4

Match



Did you know...

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