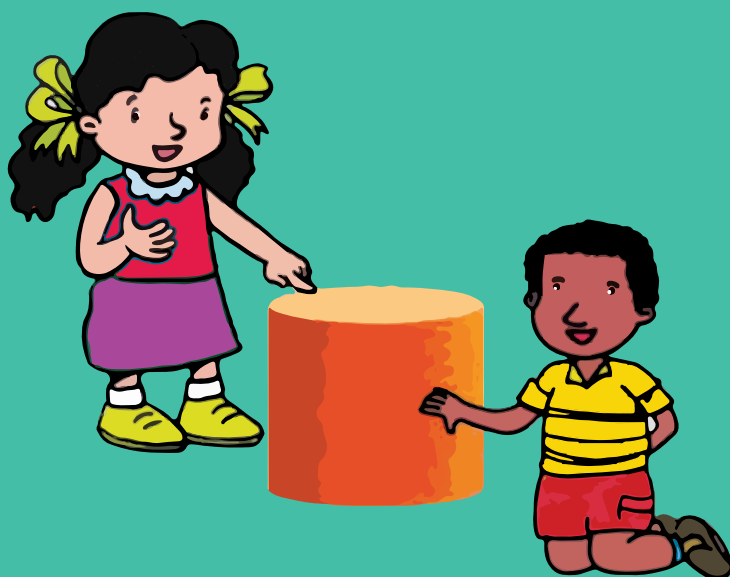


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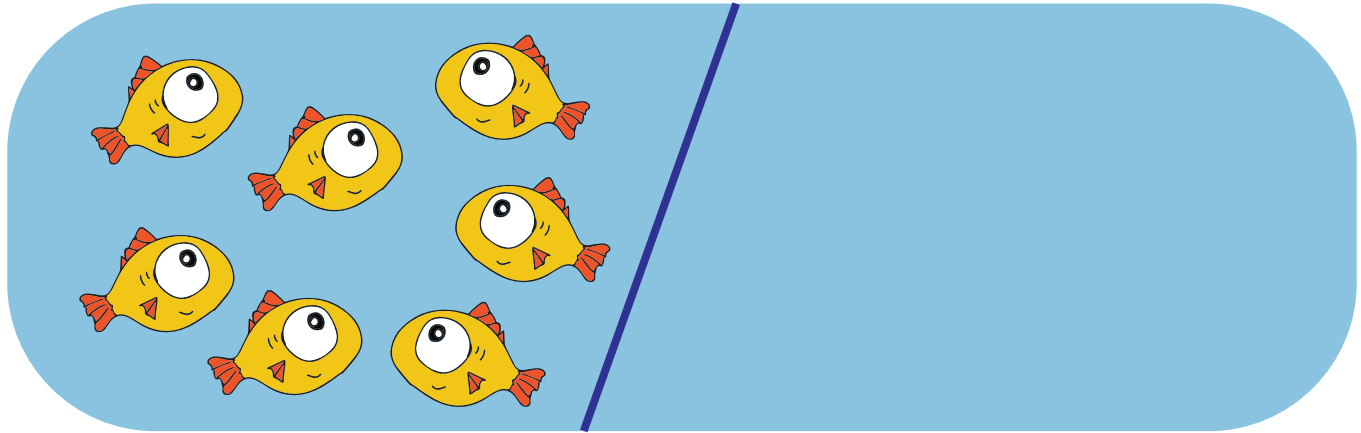
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1



ADDITION AND SUBTRACTION

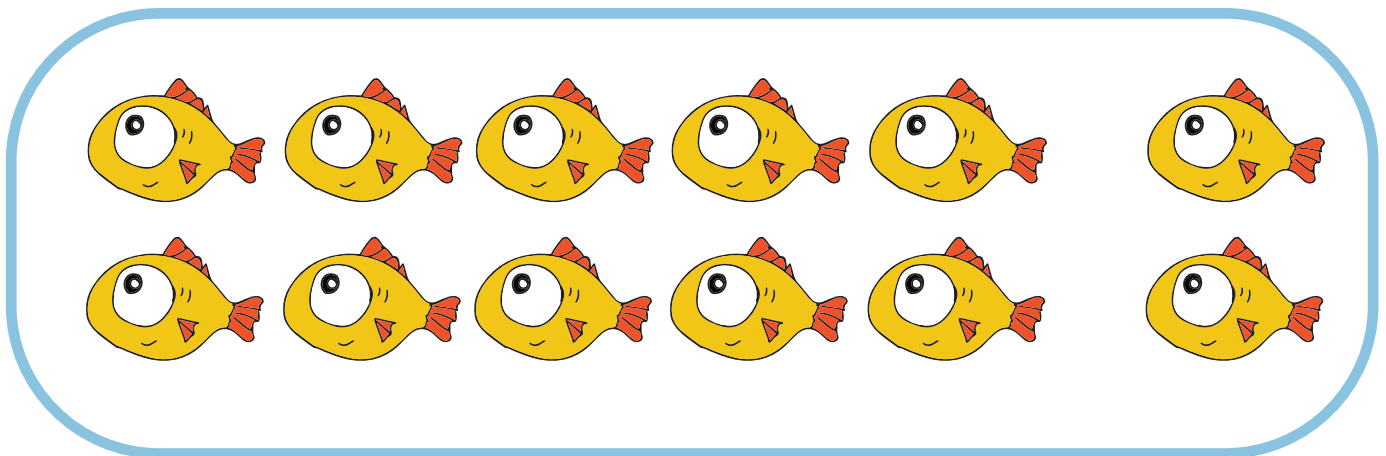
1 Finding the Missing Number



part



part



whole



7 and make 12

$$7 + \text{} = 12$$

To find one part, we subtract.

$$12 - 7 = 5$$



1.



How many flowers do I take away?

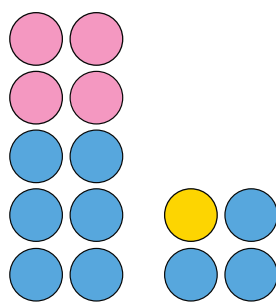


$$20 - \square = 12$$

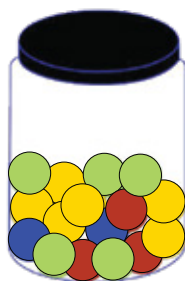
5

2. Complete the number sentences.

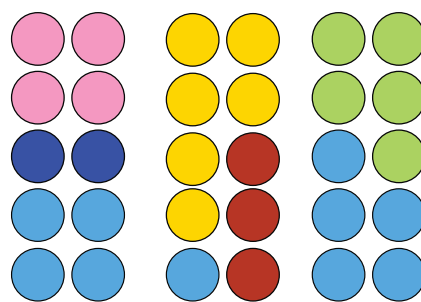
(a)



part



part



whole

To find the whole,
we add.

$$14 + \boxed{} = 30$$



(b)



whole



part



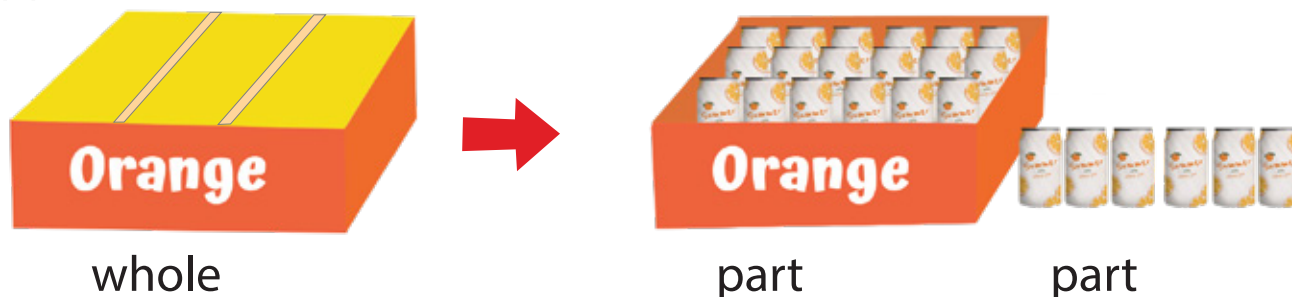
part

To find one part,
we subtract.

$$21 - \boxed{} = 5$$



(c)



To find the whole,
we add.

$$18 = \square + 6$$



3. Find the missing number in each of the following:

(a) $4 + \square = 13$

(b) $20 - \square = 13$

(c) $9 + \square = 39$

(d) $47 - \square = 19$

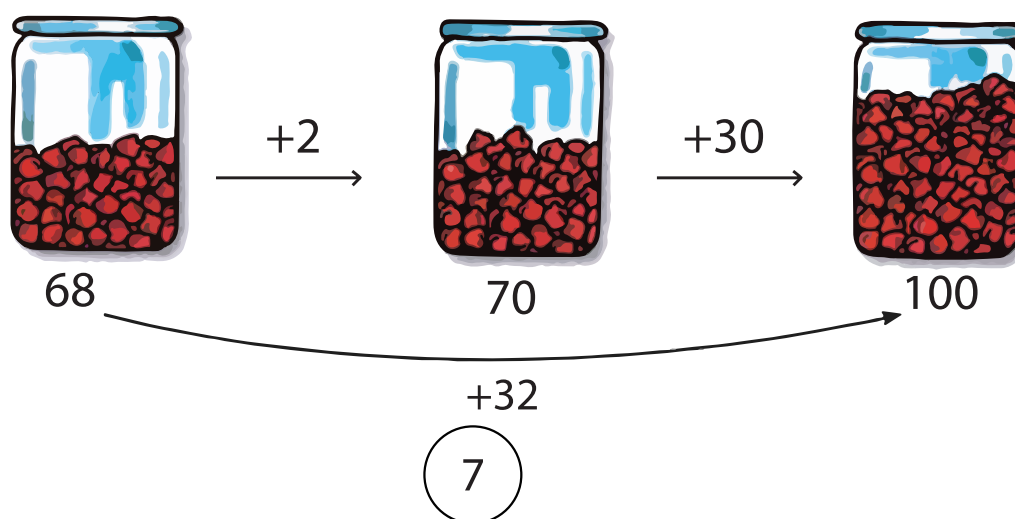
(e) $\square + 8 = 15$

(f) $7 - \square = 10$

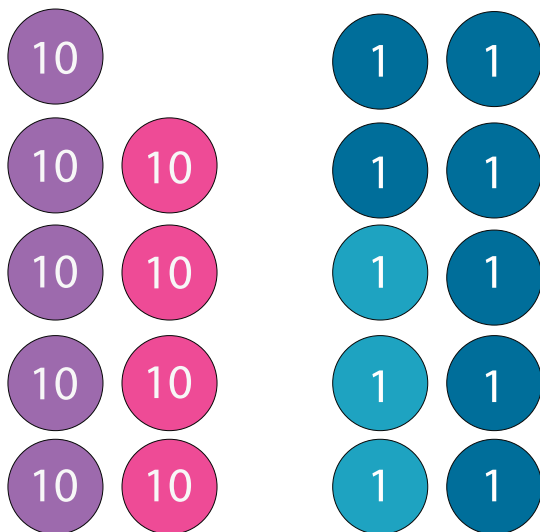
(g) $\square + 14 = 60$

(h) $16 - \square = 40$

4. There are 68 red beads in a bottle. How many more red beads are needed to make 100?



5. What number must be added to 53 to give the answer 100?



9 tens and 10 ones make 100.



$$53 + \square = 100$$

$$100 - 53 = \square$$



5 tens	3 ones
+ $\square$ tens	$\square$ ones
9 tens	10 ones

6. Find the missing number in each of the following:

(a) $34 + \square = 100$

(b) $76 + \square = 100$

(c) $\square + 82 = 100$

(d) $\square + 9 = 100$

7. Find the value of

(a) $100 - 26$

(b) $100 - 61$

(c) $100 - 42$

(d) $100 - 96$

(e) $100 - 2$

(f) $100 - 8$

Practice A

1. Find the missing number in each of the following:

(a) $\square + 25 = 40$

(b) $23 - \square = 6$

(c) $\square + 17 = 56$

(d) $43 - \square = 21$

(e) $58 + \square = 72$

(f) $\square - 79 = 11$

(g) $46 + \square = 100$

(h) $\square - 18 = 54$

(i) $\square + 25 = 100$

(j) $\square + 25 = 100$

(k) $63 + \square = 100$

(l) $100 - \square = 57$

2. Find the value of each of the following:

(a) $100 - 38$

(b) $100 - 99$

(c) $100 - 98$

(d) $100 - 4$

(e) $100 - 9$

(f) $100 - 3$

3. A farmer had 215 ducks. After selling some of them, he had 36 ducks left.

How many ducks did he sell?

4. Tiya bought a book for Tk 127.

She had Tk 53 left. How much money did she have at first?

5. A cabbage weighs 324 g.

A cucumber weighs 86 g less than the cabbage.

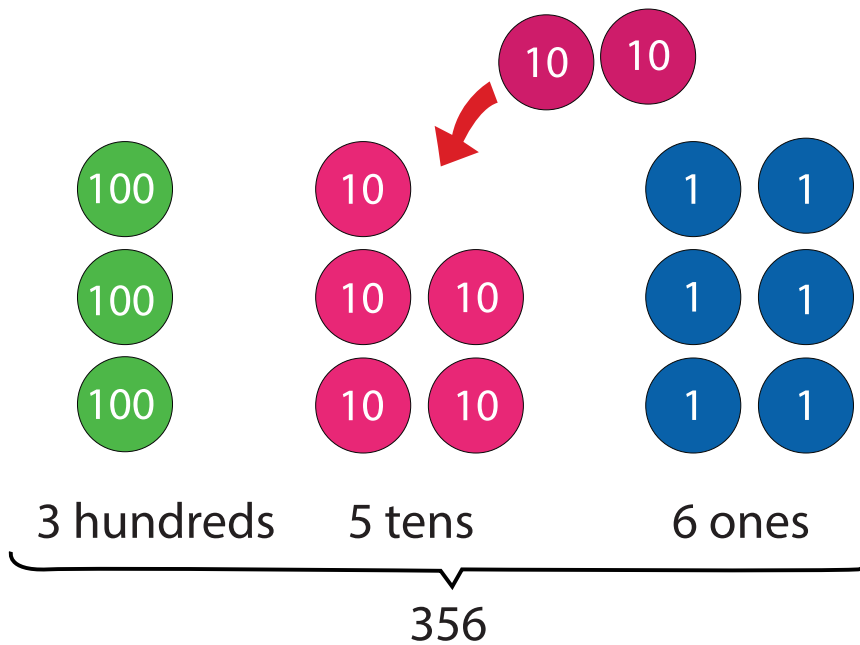
(a) What is the weight of the cucumber?

(b) Find the total weight of the cabbage and the cucumber.

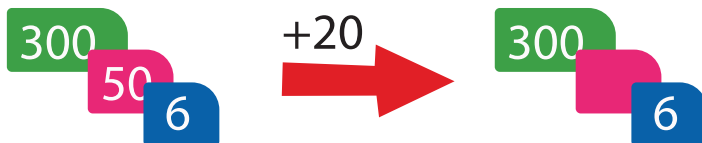


2 Methods for Mental Addition

What number is 20 more than 356?



Add **2 tens** to 356.



$$356 + 20 = \text{[yellow box]}$$

What number is 2 more than 356?

What number is 200 more than 356?

Exercise

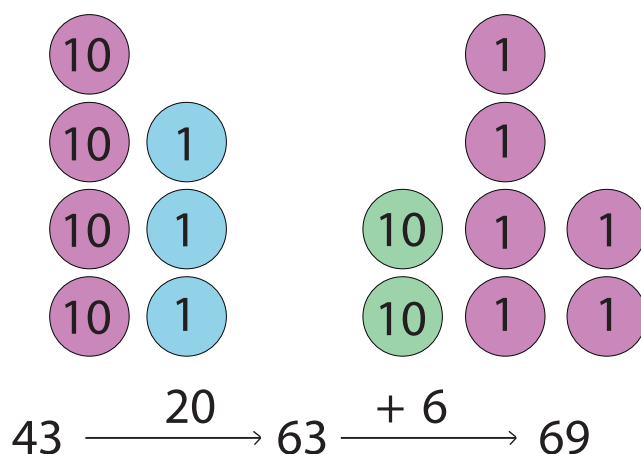
1. Find the value of

- | | | |
|---------------|---------------|---------------|
| (a) $43 + 6$ | (b) $38 + 7$ | (c) $56 + 5$ |
| (d) $20 + 30$ | (e) $40 + 50$ | (f) $80 + 60$ |
| (g) $24 + 30$ | (h) $43 + 50$ | (i) $87 + 60$ |

2. Find the value of

- | | | |
|-----------------|-----------------------|-----------------|
| (a) $153 + 9$ | (b) $278 + 5$ | (c) $605 + 7$ |
| (d) $20 + 30$ | (e) $235 + 70$ | (f) $164 + 50$ |
| (g) $200 + 200$ | (h) $500 + 300$ | (i) $400 + 500$ |
| (j) $256 + 200$ | (k) $504 + 300 + 100$ | |

3. Add 43 and 26.



$43 + 26 =$

$$\begin{array}{r} 43 + 26 \\ \quad \swarrow \searrow \\ 20 \quad 6 \end{array}$$

Add 20 to 43 first



4. Find the value of

- | | | |
|---------------|---------------|---------------|
| (a) $51 + 18$ | (b) $65 + 12$ | (c) $72 + 16$ |
| (d) $36 + 47$ | (e) $56 + 25$ | (f) $29 + 35$ |

5. Add 99 and 4.

$$\begin{array}{r} 99 + 4 = 100 + 3 \\ \swarrow \searrow \\ 1 \quad 3 \end{array}$$

99 and 1 make 100.



$99 + 4 =$



6. Find the value of

(a) $99 + 2$

(b) $99 + 9$

(c) $98 + 5$

(d) $99 + 46$

(e) $99 + 58$

(f) $98 + 36$

7. Find the value of

(a) $28 + 99$

(b) $54 + 99$

(c) $95 + 99$

(d) $57 + 98$

(e) $86 + 98$

(f) $99 + 98$

8. Add 237 and 99.

$$\begin{array}{r} 237 + 99 = 236 + 100 \\ \swarrow \searrow \\ 236 \quad 1 \end{array}$$

99 and 1 make 100.



$237 + 99 =$



9. Find the value of

(a) $256 + 99$

(b) $307 + 99$

(c) $99 + 652$

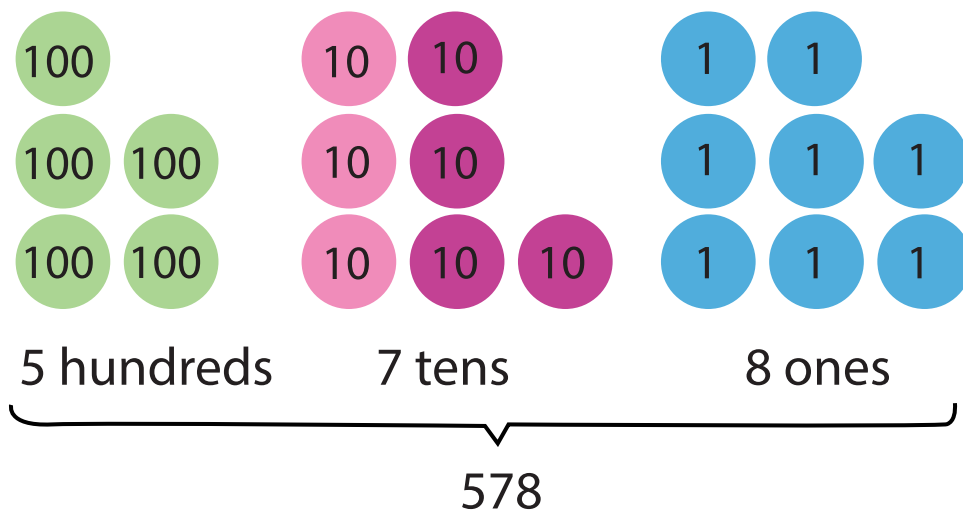
(d) $104 + 98$

(e) $463 + 98$

(f) $98 + 299$

3 Methods for Mental Subtraction

What number is 40 less than 578?



Subtract 4 tens from 578.



$$578 - 40 = \text{[yellow box]}$$

What number is 4 less than 578?

What number is 400 less than 578?