

Unit 6 : Addition and Subtraction

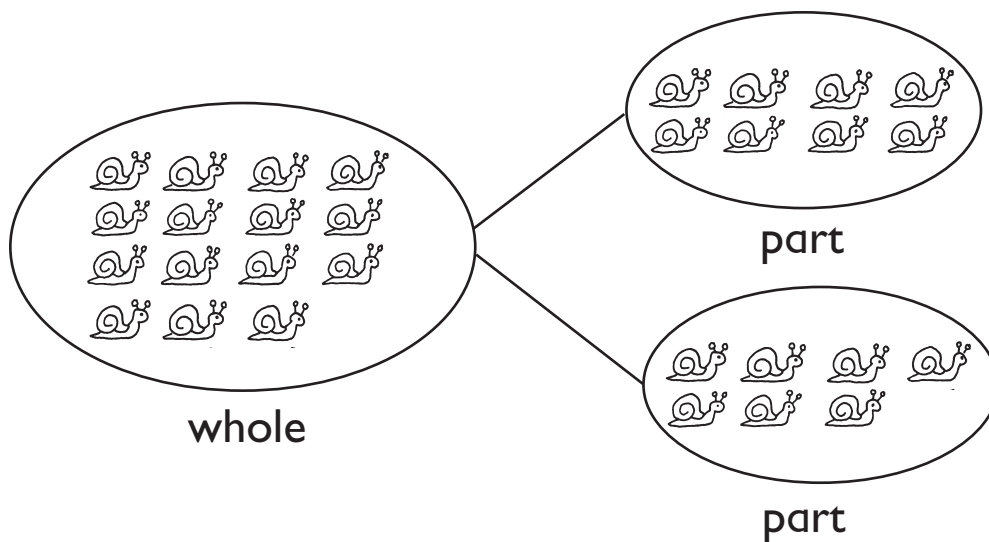
Friendly Notes

Finding the Missing Number

We add to find the whole.

We subtract to find one part.

- Find the missing number.



$$\begin{array}{ccccccc}
 7 & + & 8 & = & 15 \\
 / & & | & & \backslash \\
 \text{part} & & \text{part} & & \text{whole}
 \end{array}$$

$$15 - \boxed{8} = 7$$

To find one part,
we subtract.

$$15 - 7 = 8$$

$$15 - \boxed{8} = 7$$



2. Find the missing number.

$$\boxed{14} - 9 = 5$$

To find the whole,
we add.

$$5 + 9 = 14$$

$$14 - \boxed{9} = 5$$



3. Find the missing number.

$$64 + \boxed{36} = 100$$

$$100 - 64 = \boxed{36}$$

6 tens 4 ones

$\boxed{3}$ tens $\boxed{6}$ ones

9 tens 10 ones

Methods for Mental Addition

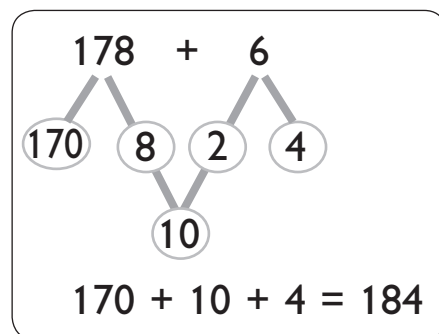
To add two numbers mentally, we can add the tens first and then add the ones.

1. What number is 56 more than 128?

$$128 + 56 = 184$$

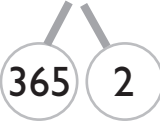
$$128 \xrightarrow{+50} 178 \xrightarrow{+6} 184$$

184 is 56 more than 128.

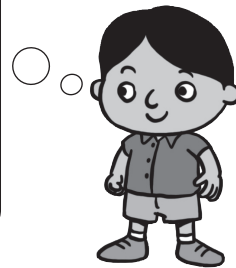


To add a number close to 100 mentally, we can make a 100 first and then add.

2. Add 367 and 98.

$$367 + 98 = 365 + 100$$


98 and 2 make 100.



$$367 + 98 = 465$$

Methods for Mental Subtraction

To subtract mentally, we can subtract the tens and then subtract the ones.

1. Subtract 74 from 587.

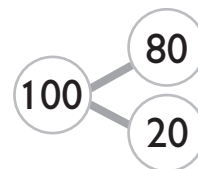
$$587 \xrightarrow{-70} 517 \xrightarrow{-4} 513$$

$$587 - 74 = 513$$

2. Subtract 81 from 100.

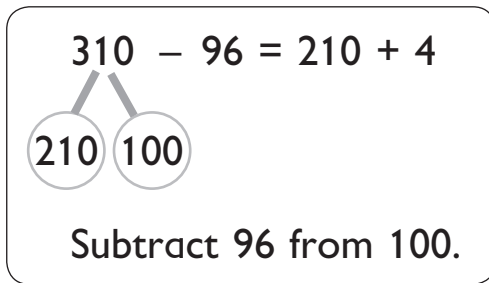
$$100 \xrightarrow{-80} 20 \xrightarrow{-1} 19$$

$$100 - 81 = 19$$



To subtract a number close to 100 mentally, we can subtract from 100 first and then add.

2. Subtract 96 from 310.



$$310 - 96 = 214$$