

Math Practice Sheets

Addition and Subtraction Part I

Student Name



Examples

Practice Questions

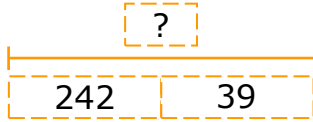
Extra Challenge Unit

Unit
2.1

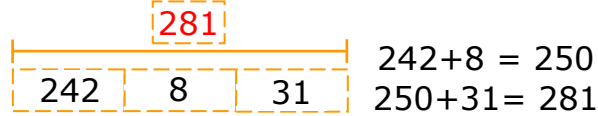
Mental Addition and Subtraction

Example

Add using mental math.
Find $242 + 39$.



One way is to break apart a number to find a ten. i.e. adding 8 to 242 is easy. Break apart 39.



$$\therefore 242 + 39 = 281$$

Another way is to use compensation.

$$242 + 39$$

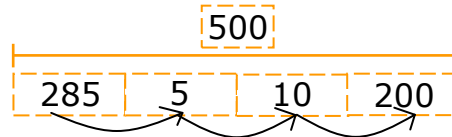
$$242 + 40 = 282$$

We added 1 too many. So, subtract 1.
i.e. $282 - 1 = 281$

$$\therefore 242 + 39 = 281$$

Subtract using mental math.
Find $500 - 285$.

One way is to count on.



$$285 + 5 = 290$$

$$290 + 10 = 300$$

$$300 + 200 = 500$$

$$\text{i.e. } 5 + 10 + 200 = 215$$

$$\therefore 500 - 285 = 215$$

Another way is to use compensation.

It is easy to subtract 300.

$$\therefore 500 - 300 = 200$$

We subtracted 15 too many. So, add 15.

$$200 + 15 = 215$$

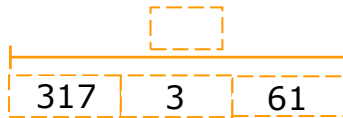
$$\therefore 500 - 285 = 215$$

Note: $2 + 3 = 3 + 2$ is commutative property, $(4 + 5) + 6 = 4 + (5 + 6)$ is associative property, and $9 + 0 = 9$ is identity property of addition.

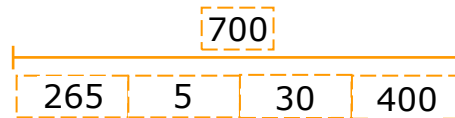
Exercise

1. Add or subtract using mental math.

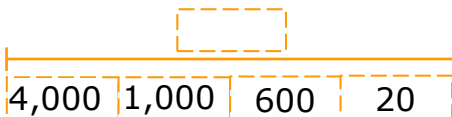
a) $317 + 64$



b) $700 - 265$



c) $4,000 + 1,620$



d) $900 - 635$

