

Add 2-digit and 3-digit numbers – crossing 10 or 100

1 Use the place value chart to work out $328 + 36$

| H | T | O |
|---|---|---|
| | | |
| | | |

| H | T | O |
|-------|---|---|
| 3 | 2 | 8 |
| + | 3 | 6 |
| <hr/> | | |
| <hr/> | | |

2 Work out the additions.

a) $572 + 45$

| H | T | O |
|---|---|---|
| | | |
| | | |

| H | T | O |
|-------|---|---|
| 5 | 7 | 2 |
| + | 4 | 5 |
| <hr/> | | |
| <hr/> | | |

b) $754 + 66$

| H | T | O |
|---|---|---|
| | | |
| | | |

| H | T | O |
|-------|---|---|
| 7 | 5 | 4 |
| + | 6 | 6 |
| <hr/> | | |
| <hr/> | | |

3 Work out the additions.

a)

| H | T | O |
|-------|---|---|
| 1 | 7 | 5 |
| + | 7 | 2 |
| <hr/> | | |
| <hr/> | | |

d) $845 + 72$

| H | T | O |
|-------|---|---|
| 8 | 4 | 5 |
| + | 7 | 2 |
| <hr/> | | |
| <hr/> | | |

b)

| H | T | O |
|-------|---|---|
| 3 | 0 | 7 |
| + | 8 | 4 |
| <hr/> | | |
| <hr/> | | |

e) $436 + 85$

| H | T | O |
|-------|---|---|
| 4 | 3 | 6 |
| + | 8 | 5 |
| <hr/> | | |
| <hr/> | | |

c) $35 \text{ kg} + 239 \text{ kg}$

| H | T | O |
|-------|---|---|
| 3 | 5 | |
| + | 2 | 3 |
| <hr/> | | |
| <hr/> | | |

f) $£739 + £68$

| H | T | O |
|-------|---|---|
| 7 | 3 | 9 |
| + | 6 | 8 |
| <hr/> | | |
| <hr/> | | |

- 4 Ron works out $476 + 35$

$$\begin{array}{r} 476 \\ + 35 \\ \hline 826 \\ \hline 1 \end{array}$$

What mistake has Ron made?

Work out the correct answer.



- 5 Alex collects stickers.
She has collected 286 stickers.
She only needs 69 more stickers to fill the album.



How many stickers does the album hold when full?



- 6 Here are some digit cards.

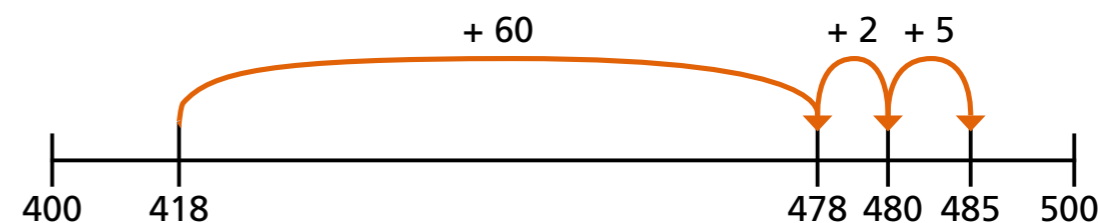


Arrange the digits to make two different additions that have just one exchange.

| | | | | |
|--|---|---|---|---|
| | | H | T | O |
| | | | | |
| | | | | |
| | + | | | |
| | | | | |
| | | | | |

| | | | | |
|--|---|---|---|---|
| | | H | T | O |
| | | | | |
| | | | | |
| | + | | | |
| | | | | |
| | | | | |

- 7 Mo uses a number line to work out an addition.

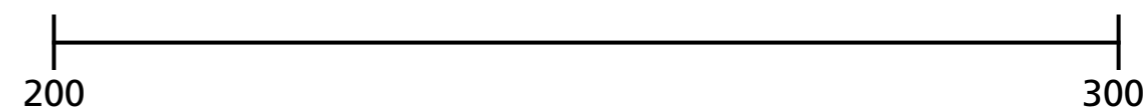


What addition has Mo worked out?

$$\square + \square = \square$$

- 8 Use the number lines to complete the additions.

a) $235 + 47 = \square$



b) $235 + 87 = \square$

