

Subtract 3-digit numbers from 3-digit numbers – no exchange

1 Complete the column subtractions.
Use a place value chart to help you.

a)

| | H | T | O |
|-------|---|---|---|
| | 3 | 5 | 8 |
| - | 2 | 2 | 6 |
| <hr/> | | | |
| | | | |
| <hr/> | | | |
| | | | |

b)

| | H | T | O |
|-------|---|---|---|
| | 7 | 2 | 6 |
| - | 3 | 0 | 3 |
| <hr/> | | | |
| | | | |
| <hr/> | | | |
| | | | |

2 Complete the subtractions.

a)

| | H | T | O |
|-------|---|---|---|
| | 6 | 7 | 2 |
| - | 4 | 7 | 1 |
| <hr/> | | | |
| | | | |
| <hr/> | | | |
| | | | |

b)

| | H | T | O |
|-------|---|---|---|
| | 5 | 6 | 3 |
| - | 1 | 5 | 1 |
| <hr/> | | | |
| | | | |
| <hr/> | | | |
| | | | |

3 Ron is working out $785 - 257$

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

Do you agree with the way Ron has set out the subtraction?
Why?



4 Use a number line to work out the subtraction.

a) $355 - 240$ b) $835 - 501$



5 A TV costs £120 less than this computer.
How much does the TV cost?



6 There are 849 people at a concert.
There are 625 adults at the concert.

- a) How many children are at the concert?
b) How many more adults than children are at the concert?

7 What are the values of each of the shapes?

a)

| | | | |
|---|---|---|---|
| | 6 | ★ | 8 |
| - | ★ | ▲ | ▲ |
| | ● | 1 | 5 |

b)

| | | | |
|---|---|---|---|
| | 9 | + | ◇ |
| - | + | 4 | ⬠ |
| | ◇ | ⬠ | ◇ |

4 Use a number line to work out the subtraction.

- a) $355 - 240$ b) $835 - 501$

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There are 625 adults at the concert.

- a) How many children are at the concert?
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a)

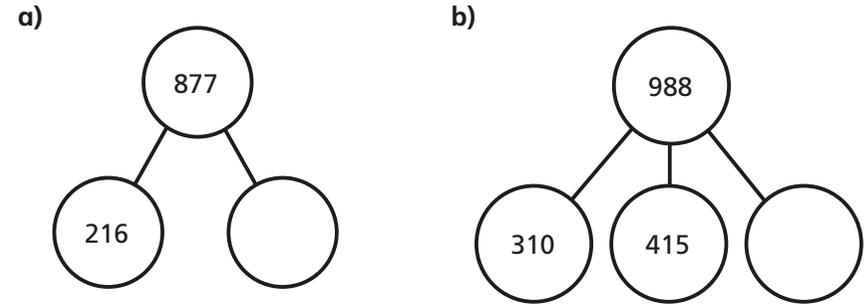
| | | | |
|---|---|---|---|
| | 6 | ★ | 8 |
| – | ★ | ▲ | ▲ |
| | ● | 1 | 5 |

b)

| | | | |
|---|---|---|---|
| | 9 | + | ◆ |
| – | + | 4 | ⬠ |
| | ◆ | ⬠ | ◆ |



8 Complete the part-whole models.



9 Eva is subtracting 727 from 1,000

First I subtract 1 from each number.

Then I subtract the two numbers.

So $1,000 - 727$ is the same as $999 - 726 = 273$

Why does Eva's method work?

Talk about it with a partner.

Use Eva's method to work out the subtractions.

$1,000 - 285$ $800 - 636$

