

# Subtract a 3-digit number from a 3-digit number – exchange

1 Complete the column subtractions.

a)  $254 - 126$

| Hundreds | Tens | Ones |
|----------|------|------|
|          |      |      |

|   | H | T | O |
|---|---|---|---|
|   | 2 | 5 | 4 |
| - | 1 | 2 | 6 |
|   |   |   |   |
|   |   |   |   |

What exchange did you have to make?

b)  $532 - 281$

| Hundreds | Tens | Ones |
|----------|------|------|
|          |      |      |

|   | H | T | O |
|---|---|---|---|
|   | 5 | 3 | 2 |
| - | 2 | 8 | 1 |
|   |   |   |   |
|   |   |   |   |

What exchange did you have to make?

2 Which of these calculations need an exchange?  
Tick your answers.

|   | H | T | O |
|---|---|---|---|
|   | 6 | 5 | 8 |
| - | 1 | 4 | 4 |
|   |   |   |   |
|   |   |   |   |

|   | H | T | O |
|---|---|---|---|
|   | 3 | 2 | 3 |
| - | 1 | 1 | 7 |
|   |   |   |   |
|   |   |   |   |

|   | H | T | O |
|---|---|---|---|
|   | 4 | 2 | 9 |
| - | 1 | 7 | 2 |
|   |   |   |   |
|   |   |   |   |

How do you know?

3 Work out the subtractions.

a)  $735 - 218$

|   | H | T | O |
|---|---|---|---|
|   | 7 | 3 | 5 |
| - | 2 | 1 | 8 |
|   |   |   |   |
|   |   |   |   |

c)  $415 - 179$

|   | H | T | O |
|---|---|---|---|
|   | 4 | 1 | 5 |
| - | 1 | 7 | 9 |
|   |   |   |   |
|   |   |   |   |

b)  $428 - 163$

|   | H | T | O |
|---|---|---|---|
|   | 4 | 2 | 8 |
| - | 1 | 6 | 3 |
|   |   |   |   |
|   |   |   |   |

d)  $382 - 194$

|   | H | T | O |
|---|---|---|---|
|   | 3 | 8 | 2 |
| - | 1 | 9 | 4 |
|   |   |   |   |
|   |   |   |   |

4 Talk about the mistake that has been made.

$$\begin{array}{r} 546 \\ - 283 \\ \hline 343 \end{array}$$

5 Complete the subtractions.

a)

|       | H | T | O |
|-------|---|---|---|
|       | 7 | 0 | 0 |
| -     | 5 | 4 | 6 |
| <hr/> |   |   |   |
|       |   |   |   |
| <hr/> |   |   |   |
|       |   |   |   |

b)

|       | H | T | O |
|-------|---|---|---|
|       | 8 | 0 | 5 |
| -     | 1 | 7 | 9 |
| <hr/> |   |   |   |
|       |   |   |   |
| <hr/> |   |   |   |
|       |   |   |   |

6 Work out the missing digits in these subtractions.

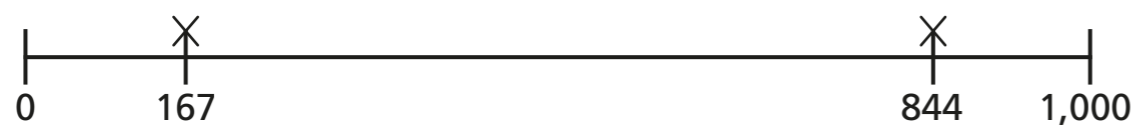
a)

|       | H | T | O |
|-------|---|---|---|
|       | 7 |   | 5 |
| -     | 3 | 4 |   |
| <hr/> |   |   |   |
|       |   | 7 | 3 |

b)

|       | H | T | O |
|-------|---|---|---|
|       |   | 2 | 0 |
| -     | 1 |   | 8 |
| <hr/> |   |   |   |
|       | 2 | 9 |   |

7 Two points are marked on a number line.



What is the difference between the two points?

8 Fill in the missing numbers.

a)  $179 + \square = 595$

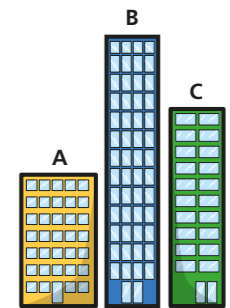
c)  $95 + \square + 138 = 870$

b)  $718 - \square = 348$

d)  $\square - 446 = 503$

9 Here are 3 buildings.

- A is 150 m tall
- B is 317 m taller than A
- C is 223 m shorter than B



How much taller is C than A?

10 Aisha buys these items.



How much change does she have from £1,000?