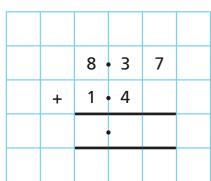
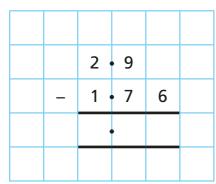
## Adding and subtracting decimals with a different number of decimal places (problem solving)

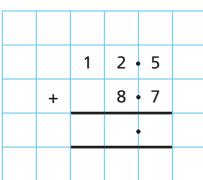


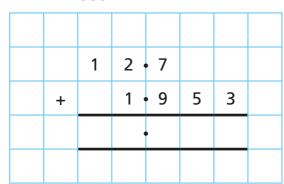
1 Work out the calculations.

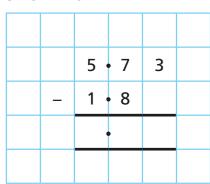
a) 8.37 + 1.4

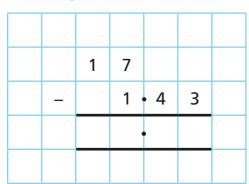












2 Miss Rose drives 12.8 km to pick up a friend and then drives 1.37 km to a coffee shop.

How far does Miss Rose drive in total?

km
----

A full jug contains 1.3 litres of juice.

A glass of juice is poured from a full jug.

The glass contains 0.45 litres of juice.



a) How much juice is left in the jug?



b) Another glass of juice is poured from the jug. This glass contains 0.325 litres of juice. How much juice is left in the jug now?

The mass of a cone is 0.3 kg.
The mass of a cube is 0.176 kg.



What is the total mass of the cone and the cube?



Aisha buys this comic.

How much change does she get from a £10 note?

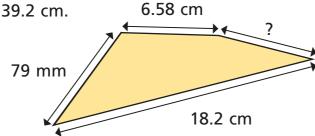
Show all your workings.

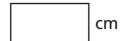


£

6 Here is an irregular quadrilateral.

The perimeter of the shape is 39.2 cm. Find the unknown length.





Compare methods with a partner.

What is the same and what is different about your methods?



A box contains 3.25 kg of washing powder.

Mr Khan uses 80 g of powder per wash.

He does 10 washes.

How much washing powder is left?

kg

8 Ron is 1.18 m tall.

How many centimetres too short is Ron to go on the ride?



cm

9 Annie buys a book and pays with a £20 note. She receives £6.55 change.

Then, Annie goes to the bakery and buys bread with a £5 note. She receives £3.30 change.

What is the total cost of the book and the bread?



