Subtract decimals with different numbers of decimal places

1 Use the place value chart to help you work out the subtractions.

Ones	Tenths	Hundredths

a)

$$\begin{array}{r} 5 \cdot 3 \ 6 \\ - \ 1 \cdot 2 \ \ \\ \hline \end{array}$$

c)

$$\begin{array}{r} 5 \cdot 3 \ 6 \\ - \ 3 \cdot 8 \ \ \\ \hline \end{array}$$

b)

$$\begin{array}{r} 5 \cdot 3 \ 6 \\ - \ 3 \cdot 5 \ \ \\ \hline \end{array}$$

d)

$$\begin{array}{r} 5 \cdot 3 \ 6 \\ - \ 4 \cdot 7 \ \ \\ \hline \end{array}$$

2 Tiny is using counters to work out 4.7 − 1.35
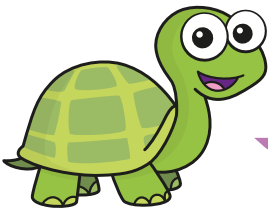
> I cannot do this as I do not have any hundredths counters.

Do you agree with Tiny? _____

Talk about it with a partner.

3 Complete the subtractions.

a)

$$\begin{array}{r} 2 \cdot 3 \ 6 \\ - \ 1 \cdot 4 \ \ \\ \hline \ \ \cdot \ \ \ \ \end{array}$$

c)

$$\begin{array}{r} 7 \cdot 3 \ \ \\ - \ 1 \cdot 1 \ 5 \\ \hline \ \ \cdot \ \ \ \ \end{array}$$

b)

$$\begin{array}{r} 6 \cdot 1 \ 5 \\ - \ 3 \cdot 8 \ \ \\ \hline \ \ \cdot \ \ \ \ \end{array}$$

d)

$$\begin{array}{r} 2 \ 4 \cdot 4 \ \ \\ - \ \ \ 3 \cdot 1 \ 2 \\ \hline \ \ \ \ \cdot \ \ \ \ \end{array}$$

4 Use the column method to work out the subtractions.
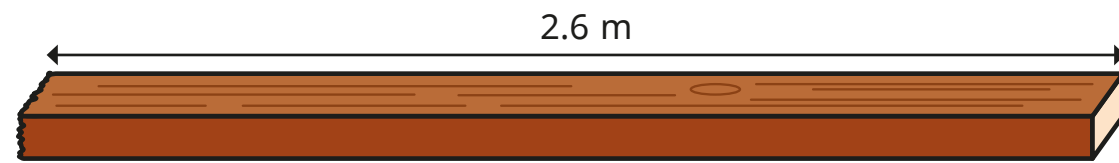
a) 13.59 − 1.82

c) 5.6 − 1.39

b) 73.84 − 9.2

d) 18.2 − 3.64

5 A plank of wood measures 2.6 m.

A carpenter cuts a piece of wood from the plank that is 0.52 m long.
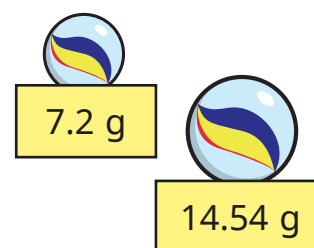
2.6 m

a) What is the length of the remaining plank?

[ ] m

b) The carpenter cuts a second piece of wood from the plank.

She now has 0.3 m of the plank remaining.

What is the length of the second piece of wood that she cut?

[ ] m

6 The mass of a bag of marbles is 54.3 g.

These two marbles are removed from the bag.

What is the mass of the bag of marbles now?

7.2 g

14.54 g

[ ] g

7 Work out the missing digits.

__3.4 − 2.5__ = 10.81

8 Use the column method to work out the subtractions.

a) 14 − 2.7

d) 26 − 3.91

b) 8 − 3.65

e) 25 − 3.842

c) 20 − 2.85

f) 90 − 0.821

Is there a more efficient method for working out the calculations?

White Rose
MATHS