

# Subtracting decimals with a different number of decimal places



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

| Ones | Tenths | Hundredths |
|------|--------|------------|
|      |        |            |

a)

$$\begin{array}{r} 5.36 \\ - 1.2 \\ \hline \end{array}$$

c)

$$\begin{array}{r} 5.36 \\ - 3.8 \\ \hline \end{array}$$

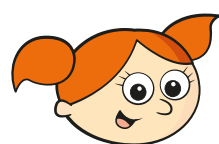
b)

$$\begin{array}{r} 5.36 \\ - 3.5 \\ \hline \end{array}$$

d)

$$\begin{array}{r} 5.36 \\ - 4.7 \\ \hline \end{array}$$

2 Alex is using counters to help her work out  $4.7 - 1.35$



I can't do this as I don't have any hundredths counters.

Do you agree with Alex? \_\_\_\_\_.

Talk about it with a partner.

3 Complete the subtractions.

a)

$$\begin{array}{r} 2.36 \\ - 1.4 \\ \hline \end{array}$$

c)

$$\begin{array}{r} 7.3 \\ - 1.15 \\ \hline \end{array}$$

b)

$$\begin{array}{r} 6.15 \\ - 3.8 \\ \hline \end{array}$$

d)

$$\begin{array}{r} 24.4 \\ - 3.12 \\ \hline \end{array}$$

4 Use the column method to work out the subtractions.

a)  $13.59 - 1.82$

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c)  $5.6 - 1.39$

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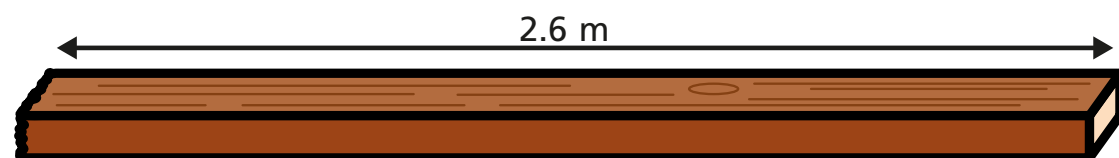
b)  $73.84 - 9.2$

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d)  $18.2 - 3.64$

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- 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.



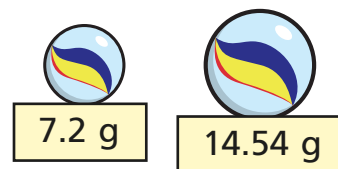
- a) What is the length of the remaining plank?

 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?

 g

- 7 Work out the missing digits.  
\_\_3.4 – 2.5\_\_ = 10.81

- 8 Use the column method to work out the subtractions.

a)  $14 - 2.7$

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d)  $26 - 3.91$

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b)  $8 - 3.65$

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e)  $25 - 3.842$

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c)  $20 - 2.85$

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f)  $90 - 0.821$

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