Subtracting decimals with a different number of decimal places

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

Ones	Tenths	Hundredths
●●● ●●	●●●	●●● ●●●

a)

		5	•	3	6
	–	1	•	2	
			•		

b)

		5	•	3	6
	–	3	•	5	
			•		

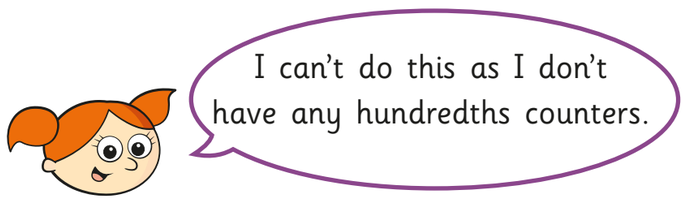
c)

		5	•	3	6
	–	3	•	8	
			•		

d)

		5	•	3	6
	–	4	•	7	
			•		

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



Do you agree with Alex? _____.

Talk about it with a partner.

3 Complete the subtractions.

a)

		2	•	3	6
	–	1	•	4	
			•		

b)

		6	•	1	5
	–	3	•	8	
			•		

c)

		7	•	3	
	–	1	•	1	5
			•		

d)

		2	4	•	4	
	–		3	•	1	2
				•		

4 Use the column method to work out the subtractions.

a) 13.59 – 1.82

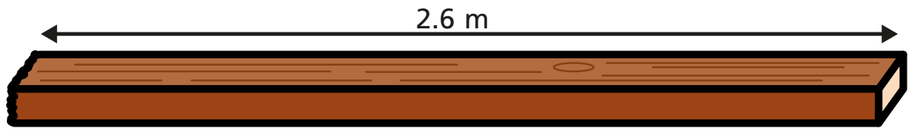
b) 73.84 – 9.2

c) 5.6 – 1.39

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.



a) What is the length of the remaining plank?

m

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

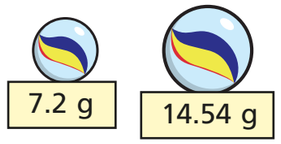
She now has 0.3 m of the plank remaining.

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

b) 8 – 3.65

c) 20 – 2.85

d) 26 – 3.91

e) 25 – 3.842

f) 90 – 0.821