

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
				—————		
				•		
				—————		

c)

		5	•	3	6	
		-		3	•	8
				—————		
				•		
				—————		

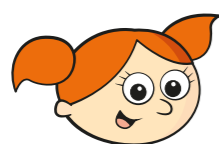
b)

		5	•	3	6	
		-		3	•	5
				—————		
				•		
				—————		

d)

		5	•	3	6	
		-		4	•	7
				—————		
				•		
				—————		

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)

			2	•	3	6	
			-		1	•	4
				—————			
				•			
				—————			

c)

			7	•	3			
			-		1	•	1	5
				—————				
				•				
				—————				

b)

			6	•	1	5	
			-		3	•	8
				—————			
				•			
				—————			

d)

			2		4	•	4		
			-			3	•	1	2
				—————					
					•				
				—————					

4 Use the column method to work out the subtractions.

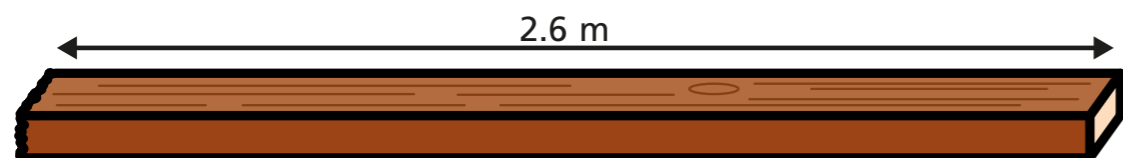
a) $13.59 - 1.82$

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.



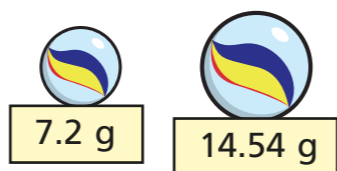
- a) What is the length of the remaining plank?

 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) $14 - 2.7$

d) $26 - 3.91$

b) $8 - 3.65$

e) $25 - 3.842$

c) $20 - 2.85$

f) $90 - 0.821$
