

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)

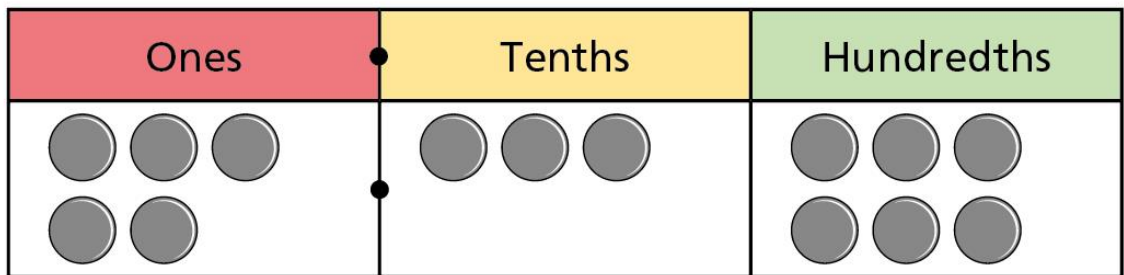
		5	•	3	6
	-	1	•	2	
		<hr/>			
			•		
		<hr/>			

b)

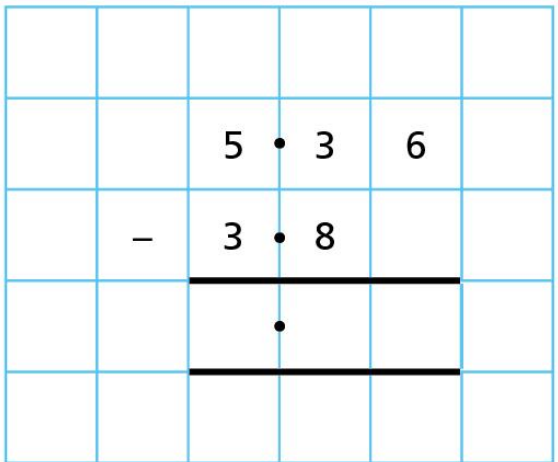
		5	•	3	6
	-	3	•	5	
		<hr/>			
			•		
		<hr/>			



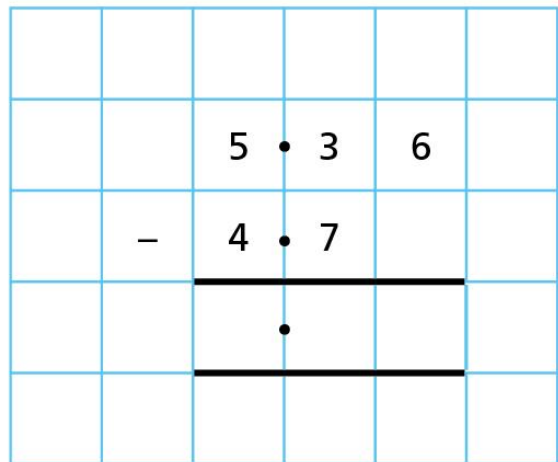
1



c)



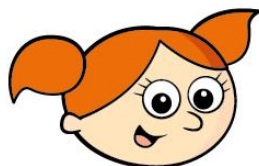
d)





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	
		<hr/>			
			•		
		<hr/>			

c)

		7	•	3	
	-	1	•	1	5
		<hr/>			
			•		
		<hr/>			

b)

		6	•	1	5
	-	3	•	8	
		<hr/>			
			•		
		<hr/>			

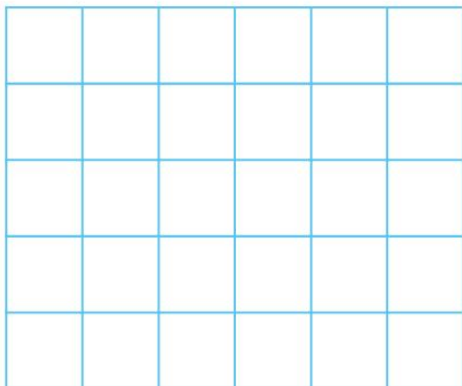
d)

		2	4	•	4	
	-		3	•	1	2
		<hr/>				
				•		
		<hr/>				

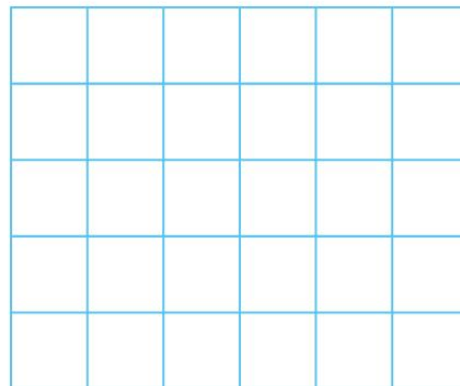
4

Use the column method to work out the subtractions.

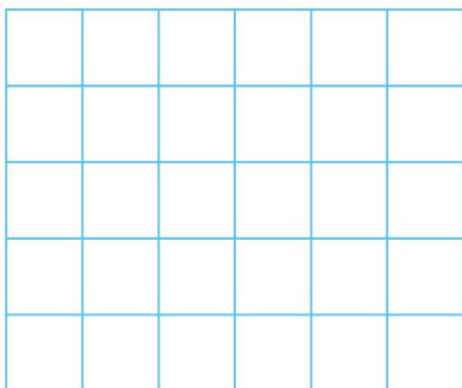
a) $13.59 - 1.82$



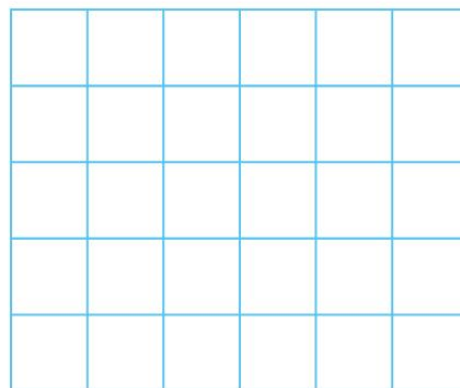
c) $5.6 - 1.39$



b) $73.84 - 9.2$

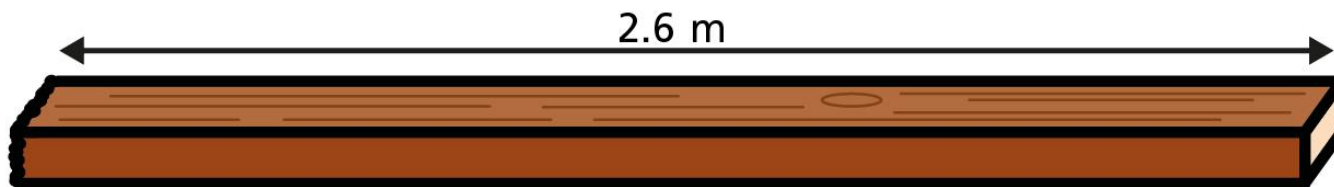


d) $18.2 - 3.64$



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

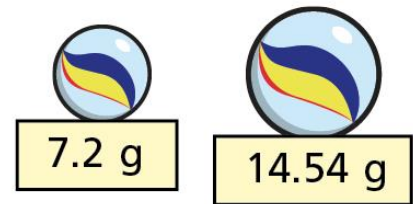
b) The carpenter cuts a second piece of wood from the plank.

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.

$$\underline{\quad}3.4 - 2.5\underline{\quad} = 10.81$$

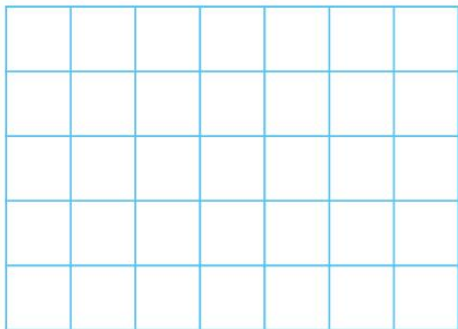




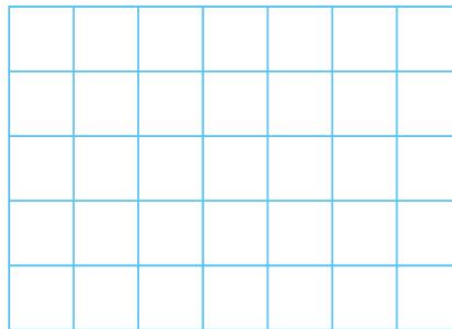
8

Use the column method to work out the subtractions.

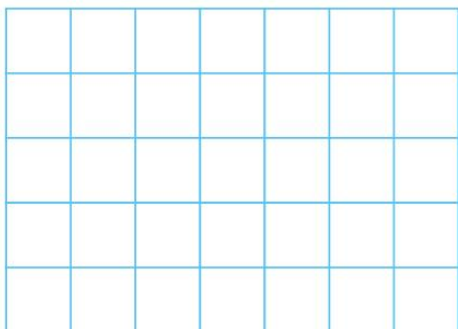
a) $14 - 2.7$



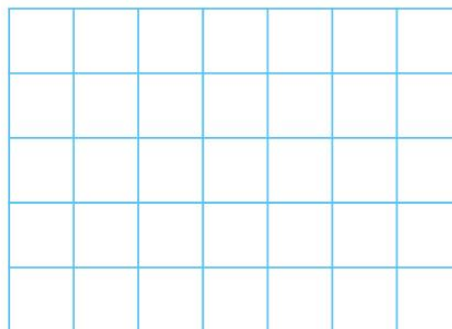
c) $20 - 2.85$



b) $8 - 3.65$

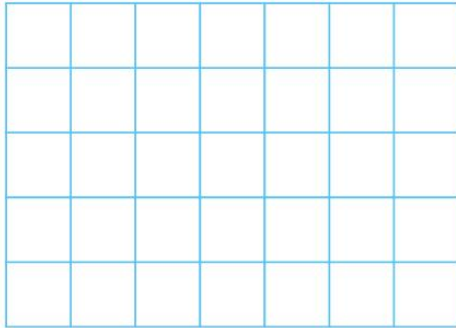


d) $26 - 3.91$



8

e) $25 - 3.842$



f) $90 - 0.821$

