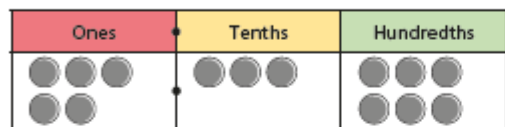


Subtracting decimals with a different number of decimal places

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



a)

	5	3	6
-	1	2	
	4	1	6

c)

	⁴ 5	3	6
-	3	8	
	1	5	6

b)

	⁴ 5	3	6
-	3	5	
	1	8	6

d)

	⁴ 5	3	6
-	4	7	
	0	6	6

- 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? No

Talk about it with a partner.



- 3 Complete the subtractions.

a)

	¹ 2	3	6
-	1	4	
	0	9	6

c)

	7	² 3	0
-	1	1	5
	6	1	5

b)

	⁵ 6	1	5
-	3	8	
	2	3	5

d)

	2	4	³ 0
-		3	1 2
	2	1	2 8

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

a) $13.59 - 1.82$

		²		
	1	3	5	9
-		1	8	2
	1	1	7	7

c) $5.6 - 1.39$

	5	6	0	
-	1	3	9	
	4	2	1	

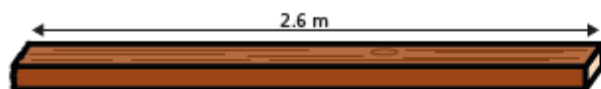
b) $73.84 - 9.2$

	7	3	8	4
-		9	2	
	6	4	6	4

d) $18.2 - 3.64$

	1	8	2	0
-		3	6	4
	1	4	5	6

- 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?

2.08 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?

1.78 m

- 6 The mass of a bag of marbles is 54.3 g.
These two marbles are removed from the bag.



7.2 g



14.54 g

What is the mass of the bag of marbles now?

32.56 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) $14 - 2.7$

	1	4	0	
-		2	7	
	1	1	3	

d) $26 - 3.91$

	2	6	0	0
-		3	9	1
	2	2	0	9

b) $8 - 3.65$

	8	0	0	
-	3	6	5	
	4	3	5	

e) $25 - 3.842$

	2	5	0	0
-		3	8	4
	2	1	1	5

c) $20 - 2.85$

	2	0	0	0
-		2	8	5
	1	7	1	5

f) $90 - 0.821$

	9	0	0	0
-		0	8	2
	8	9	1	7



