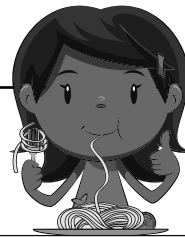


# Subtracting Decimals

1. Use place value charts and the column method of subtraction to solve the calculations below.

a)  $5.67 - 2.34 =$

Ones	Tenths	Hundredths
1 1 1	0.1 0.1 0.1	0.01 0.01 0.01
1 1	0.1 0.1 0.1	0.01 0.01 0.01
		0.01



		5	6	7	
-		2	3	4	

b)  $8.39 - 6.25 =$

Ones	Tenths	Hundredths

-					

c)  $6.547 - 2.324 =$

Ones	Tenths	Hundredths	Thousandths

-					

d)  $9.836 - 7.512 =$

Ones	Tenths	Hundredths	Thousandths

-					

# Subtracting Decimals

2. Use the place value charts and the column method of subtraction to solve these calculations. Each calculation involves an exchange.

a)  $5.82 - 2.54 =$

Ones				Tenths				Hundredths	
1	1	1	1	0.1	0.1	0.1	0.1	0.01	0.01
1				0.1	0.1	0.1	0.1		

		5	8	2	
-		2	5	4	

b)  $26.28 - 12.53 =$

Tens	Ones	Tenths	Hundredths

-					

c)  $7.834 - 4.912 =$

Ones	Tenths	Hundredths	Thousandths

-					

d)  $18.804 - 13.521 =$

Tens	Ones	Tenths	Hdths	Thdths

-					

# Subtracting Decimals

3. Use the column method to solve these calculations. You may need to exchange.

a)  $17.53 - 9.31 =$

-					

b)  $15.47 - 11.25 =$

-					

c)  $20.398 - 18.265 =$

-					

d)  $9.774 - 3.362 =$

-					



# Subtracting Decimals

4. Answer the problems below using your preferred method of subtraction.

- a) Mrs Evans has £18.95. She buys a rose bush which costs £7.99.

How much change does she receive?

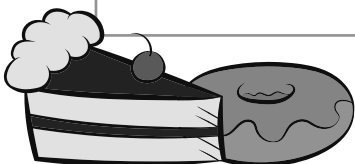


- b) Amelia jogs 8.67 km on Monday and 5.38 km on Tuesday.

How much further did she jog on Monday than Tuesday?

- c) Class 5 used 1.545 kg of flour making cakes for a bake sale. Class 4 used 1.725 kg of flour making cakes.

How much more flour did Class 4 use than Class 5 in grams?

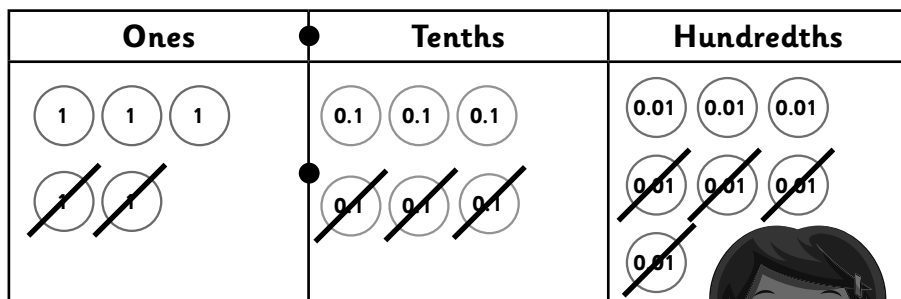


# Subtracting Decimals

## Answers

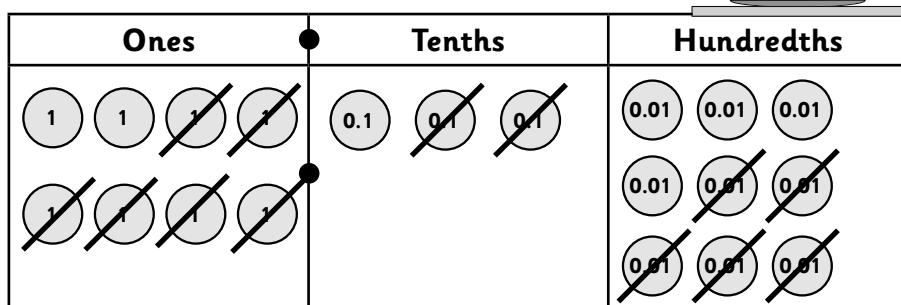
1. Use place value charts and the column method of subtraction to solve the calculations below.

a)  $5.67 - 2.34 = 3.33$



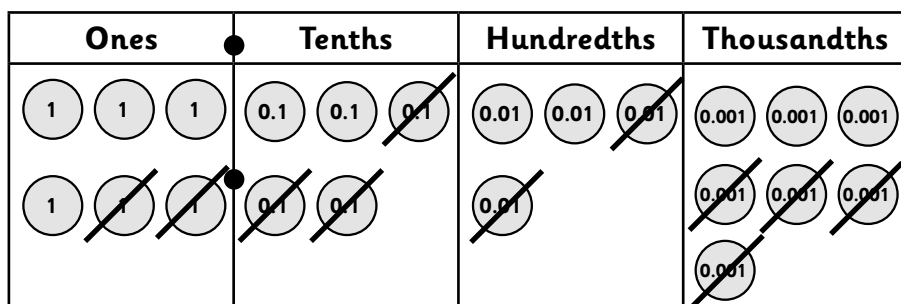
		5	•	6	7	
-		2	•	3	4	
		3	•	3	3	

b)  $8.39 - 6.25 = 2.14$



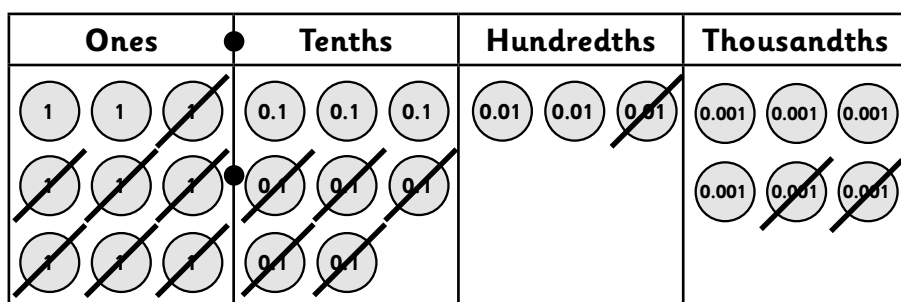
		8	•	3	9	
-		6	•	2	5	
		2	•	1	4	

c)  $6.547 - 2.324 = 4.223$



		6	•	5	4	7
-		2	•	3	2	4
		4	•	2	2	3

d)  $9.836 - 7.512 = 2.324$



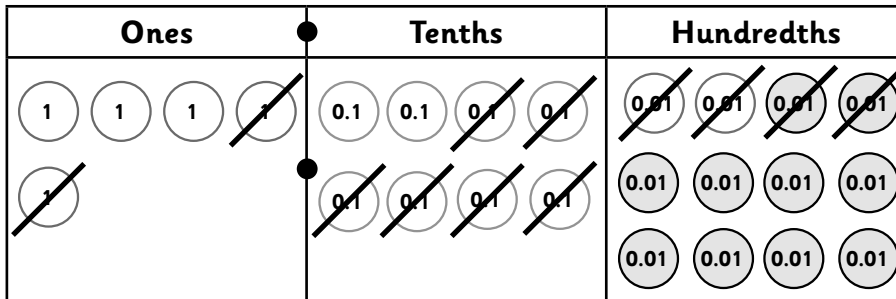
		9	•	8	3	6
-		7	•	5	1	2
		2	•	3	2	4

# Subtracting Decimals

## Answers

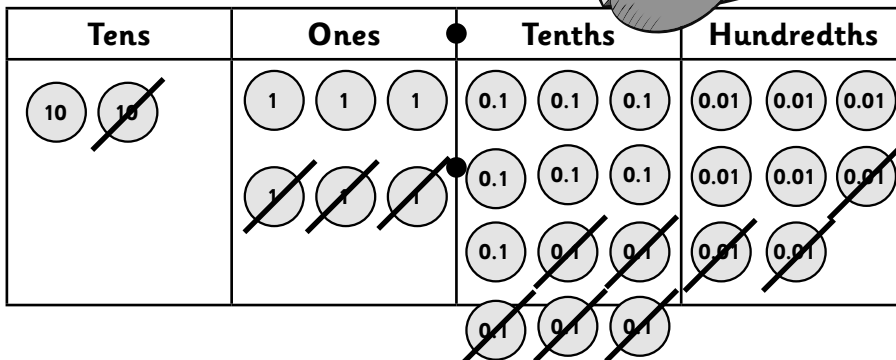
2. Use the place value charts and the column method of subtraction to solve these calculations. Each calculation involves an exchange.

a)  $5.82 - 2.54 = 3.28$



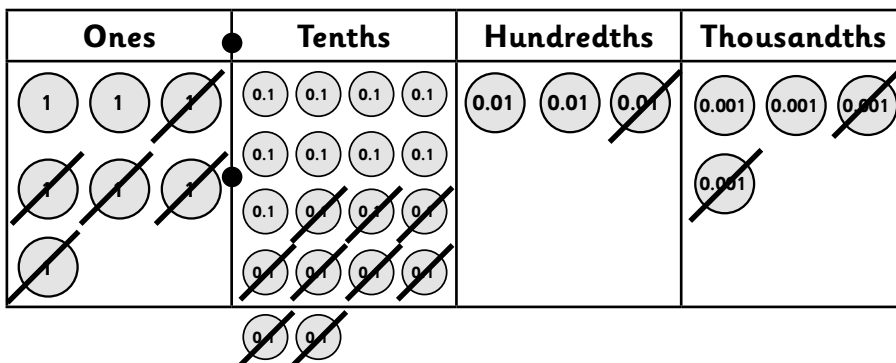
		5	<sup>7</sup> <del>8</del>	<sup>1</sup> 2	
-		2	5	4	
		3	2	8	

b)  $26.28 - 12.53 = 13.75$



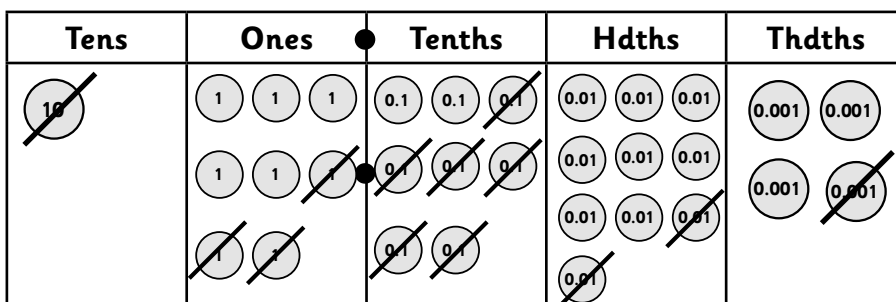
	2	<sup>5</sup> <del>6</del>	<sup>1</sup> 2	8	
-	1	2	5	3	
	1	3	7	5	

c)  $7.834 - 4.912 = 2.922$



		<sup>6</sup> <del>7</del>	<sup>1</sup> 8	3	4
-		4	9	1	2
		2	9	2	2

d)  $18.804 - 13.521 = 5.283$



	1	8	<sup>7</sup> <del>8</del>	<sup>1</sup> 0	4
-	1	3	5	2	1
	0	5	2	8	3

# Subtracting Decimals

## Answers

3. Use the column method to solve these calculations. You may need to exchange.

a)  $17.53 - 9.31 = 8.22$

0

	+	<sup>1</sup> 7	•	5	3	
-		9	•	3	1	
		8	•	2	2	

b)  $15.47 - 11.25 = 4.22$

	1	5	•	4	7	
-	1	1	•	2	5	
	0	4	•	2	2	

c)  $20.398 - 18.265 = 2.133$

1

	<del>2</del>	<sup>1</sup> 0	•	3	9	8
-	1	8	•	2	6	5
	0	2	•	1	3	3

d)  $9.774 - 3.362 = 6.412$

		9	•	7	7	4
-		3	•	3	6	2
		6	•	4	1	2



# Subtracting Decimals

## Answers

4. Answer the problems below using your preferred method of subtraction.

- a) Mrs Evans has £18.95. She buys a rose bush which costs £7.99.

How much change does she receive?



$$£18.95 - £7.99 = £10.96$$

£10.96 change

- b) Amelia jogs 8.67 km on Monday and 5.38 km on Tuesday.

How much further did she jog on Monday than Tuesday?

$$8.67 - 5.38 = 3.29$$

3.29 km

- c) Class 5 used 1.545 kg of flour making cakes for a bake sale. Class 4 used 1.725 kg of flour making cakes.

How much more flour did Class 4 use than Class 5 in grams?

$$1.725 - 1.545 = 0.18$$

$$0.18 \text{ kg} = 180 \text{ g}$$

180 g

