

Decimals

Question 1

Can you put these numbers in order approximately where they would appear on the number line?

1.70 1.09 1.555 1.505 1.205



Question 2

Can you complete these subtraction calculations?

a $15.86 - 13.25 =$ _____

b $2.45 - 1.82 =$ _____

	T	O	•	t	h
			•		
-			•		
			•		

	T	O	•	t	h
			•		
-			•		
			•		



Decimals

c $9.05 - 4.76 =$ _____

	T	O	•	t	h
			•		
-			•		
			•		
			•		

d $22.32 - 17.79 =$ _____

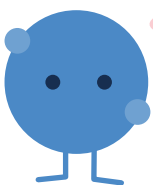
	T	O	•	t	h
			•		
-			•		
			•		
			•		

Question 3



I want to take 0.012 from 1.2. Can you show me how to lay it out? What answer should I get?

	T	O	•	t	h	th
			•			
-			•			
			•			
			•			

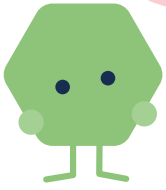


I want to do the same calculation without laying it out. Can you think of another way to do it?



Decimals

Question 4



In the school race, Jolie says she beat Mia's time by 0.078 seconds. Mia's time was 13.15s. What was Jolie's time?

	T	O	•	t	h	th
	<input type="text"/>	<input type="text"/>	•	<input type="text"/>	<input type="text"/>	<input type="text"/>
-	<input type="text"/>	<input type="text"/>	•	<input type="text"/>	<input type="text"/>	<input type="text"/>
<hr/>						
	<input type="text"/>	<input type="text"/>	•	<input type="text"/>	<input type="text"/>	<input type="text"/>
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Question 5

Work out these subtractions.

a $0.535 - 0.25 =$ _____

b $7.19 - 2.347 =$ _____

	O	•	t	h	th
	<input type="text"/>	•	<input type="text"/>	<input type="text"/>	<input type="text"/>
-	<input type="text"/>	•	<input type="text"/>	<input type="text"/>	<input type="text"/>
<hr/>					
	<input type="text"/>	•	<input type="text"/>	<input type="text"/>	<input type="text"/>
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	O	•	t	h	th
	<input type="text"/>	•	<input type="text"/>	<input type="text"/>	<input type="text"/>
-	<input type="text"/>	•	<input type="text"/>	<input type="text"/>	<input type="text"/>
<hr/>					
	<input type="text"/>	•	<input type="text"/>	<input type="text"/>	<input type="text"/>
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Decimals

c $1.34 - 0.162 =$ _____

	0	•	t	h	th
-					

d $8.38 - 2.347 =$ _____

	0	•	t	h	th
-					

Question 6

Work out these multiplication calculations.

a $6.1 \times 10 =$

b $3.2 \times 100 =$

c $2.55 \times 10 =$

d $1.57 \times 100 =$

e $8.3 \times 10 =$

f $0.83 \times 1,000 =$

g $0.12 \times 100 =$

h $0.02 \times 1,000 =$



Decimals

Question 7



Amir's mum has £1,600 in a bank account. She says that's 1,000 times more than Amir has in his pocket. How much money does Amir have in his pocket?

Question 8

Work out these division calculations.

a $6 \div 10 =$

H	T	O	•	t	h	th
			•			

b $320 \div 100 =$

H	T	O	•	t	h	th
			•			

c $55 \div 10 =$

H	T	O	•	t	h	th
			•			

d $31 \div 100 =$

H	T	O	•	t	h	th
			•			



Decimals

e $7.2 \div 10 =$

H	T	O	•	t	h	th
			•			

f $978 \div 1,000 =$

H	T	O	•	t	h	th
			•			

g $230 \div 100 =$

H	T	O	•	t	h	th
			•			

h $12 \div 1,000 =$

H	T	O	•	t	h	th
			•			

Question 9

Circle which is bigger. What is the answer to the greater calculation?

a $1570 \div 100$ or 1.57×100

b $0.05 \times 1,000$ or $50 \div 10$

c $2.3 \div 10$ or 0.023×100

d $1234 \div 100$ or 12.34×10



Decimals

Question 10

Fill in the blanks to complete these number sentences.

a $156 \div \square = 1.56$

b $17 \div \square = 0.017$

c $2038 \div \square = 20.38$

d $23 \div \square = 2.3$

e $1245 \div \square = 1.245$

f $1024 \div \square = 102.4$

g $1.7 \div \square = 0.17$

h $56 \div \square = 0.056$

