

5 a day!



Use the multiplication cards to complete the following calculations.

x 10

x 100

x 1,000

A. $35.650 \times \boxed{} = 35,650$

B. $0.874 \times \boxed{} = 8.74$



C. $968.48 \times \boxed{} = 96,848$



Solve these equations.

$8 \times 70 =$

$8 \times 60 =$

$40 \times 80 =$

$0.07 \times 4 =$

$50 \times 60 =$



The ratio of strawberries to grapes is 3:2.

Dylan has 25 pieces of fruit in total.

Calculate the number of strawberries and grapes.



Here is a train timetable showing the times of train travelling from Halifax to Leeds.

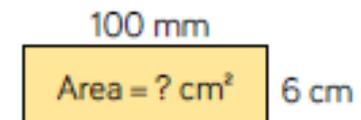
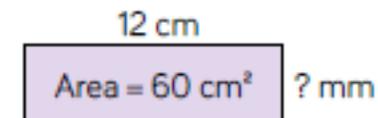
An announcement states all trains will arrive an hour late.

Which train will arrive in Leeds closest to 09:07?

Halifax	Leeds
07:33	08:09
07:49	08:37
07:52	08:51



Work out the missing values.



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Complete the following calculations.

A. $5,443 \div \boxed{} = 54.43$

B. $54,430 \div 1,000 = \boxed{}$

C. $\boxed{} \div 100 = 54.033$



Solve these equations.

$$8 \times 3 =$$

$$8 \times 30 =$$

$$4 \times 9 =$$

$$4 \times 900 =$$

$$7 \times 6 =$$

$$600 \times 7 =$$



List 5 common multiples of 4 and 3.



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There are 11 people in a cafe. Coffee is £2 and tea is £1.50. The takings are £20, of which £6 was taken on tea. How many people drink coffee?



True or false?

$$a = bc - 5$$

When $b = 10$ and $c = 9$,
 $a = 14$.

Explain your answer.

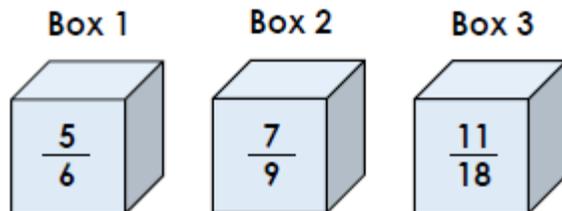


Tick to show whether the number rounds to 2,900,000 or 3,000,000 to the nearest 100,000.

Number	Rounds to 2,900,000	Rounds to 3,000,000
2,858,790		
3,015,830		
2,945,745		

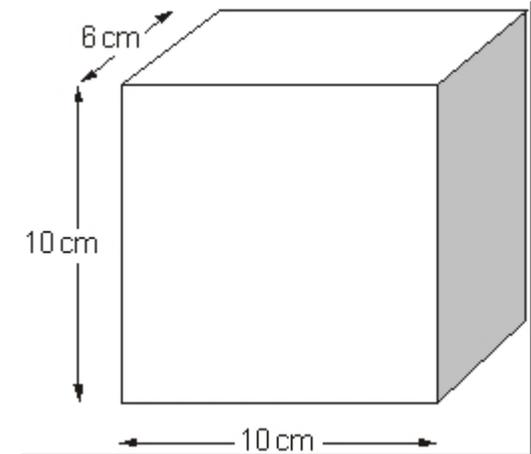


John-Paul has ordered three boxes in ascending order. Has he ordered the boxes correctly? Explain how you know.



Calculate the volume of this cuboid.

Not drawn accurately



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x 10

x 100

x 1,000



Calculate:

$$\frac{1}{4} \div 2 = \boxed{}$$

$$\frac{1}{2} \div 5 = \boxed{}$$



Round the number below to the nearest 10,000, 100,000 and 1,000,000

Two million, seven hundred and five thousand, six hundred and fifty-four.



Jack is learning about negative numbers. He says,

Is he correct? Explain why.



The temperature outside is 1°C . If it changes by 4°C , it will either be 5°C or -5°C .



Evie is looking at the values below:

$$a = 3b - 4$$

$$c = a + 10$$

She says,



If $b = 5$ then $c = 20$.

Is she correct? Explain your answer.

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In this sequence, the rule to get to the next number is *Multiply by 2, and then add 3*

Write the missing numbers.

	25	53	
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Use the equation below to work out the value of a and b .

$$a = 2b - 5$$

$$b = 6 \times 4 + \frac{1}{2}$$

$$a = \square$$

$$b = \square$$



Ben asked 60 children to choose their favourite flavour jelly.

These were his results.

Flavour Number of children

Raspberry 12

Lemon 8

Orange 15

Blackcurrant 25

Total 60

What percentage of the 60 children chose orange?



Libbie has worked out the answer to 2475×31 below.

		2	4	7	5
x				3	1
		2	4	7	5
		7	4	2	5
		9	8	9	5

Is Libbie correct? Explain your answer.



Amy, Olivia and Leon are shopping for carpet. They buy the following amounts.

Amy buys $\frac{1}{2}$ of a roll.

Olivia buys $\frac{3}{5}$ of a roll.

Leon buys $\frac{3}{4}$ of a roll.

Who bought the most carpet? Convince me.

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