

5 a day!



Complete the number sequences.

-4, -3, -2, __, __, __

1.2, 2.4, 3.6, __, __

0.09, 0.18, __, __



Write the value of the digit that is underlined.

45,983

206,102

324569

100040



Write the following Roman numerals in ascending order.

L XIX XV XXXI



Which is the odd one out, explaining why?

49,

63,

101



Find factors for these numbers.

56

21

34

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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.



Put these capacities in order, starting with the smallest.

3 litres

3,500 ml

0.4 litres

0.035 litres

450 ml

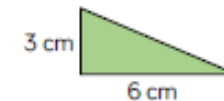
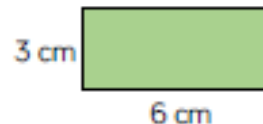
330 ml



If l represents length and h represents height:

Area of a rectangle = $l \times h$

Use this to calculate the area of the rectangle.



What do you need to do to your answer to work out the area of the triangle?

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Calculate the missing digits.

A. $8.\underline{\quad}08 \div 4 = 2.027$

B. $8.79\underline{\quad} \div 2 = 4.399$



Solve these equations.

$$60 \times 40 =$$

$$50 \times 90 =$$

$$0.7 \times 6 =$$

$$0.8 \times 5 =$$

$$0.3 \times 0.6 =$$



Annie is double her sister's age.

They are both older than 20 but younger than 50.

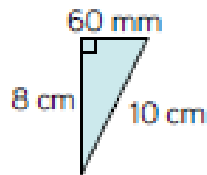
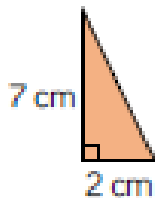
Their ages are both multiples of 7

What are their ages?



What is the formula for the area of a triangle?

Calculate the area of these triangles.



A pack of fruit drinks contains 5 bottles. The whole pack costs £7.80. What does one bottle cost?

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Solve these equations.

$$34.8 \times 1000 =$$

$$2345 \div 1000 =$$

$$4.6 \times 100 =$$

$$99.6 \div 10 =$$

$$0.507 \times 1000 =$$



Solve these equations.

$$326 \times 47 =$$

$$245 \times 35 =$$

$$235 \times 54 =$$



Solve The sum of two prime numbers is 36.

What are the numbers?

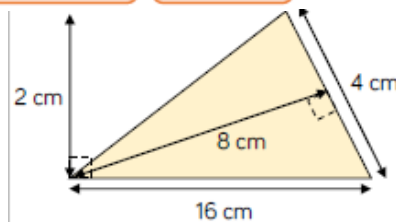


Year 6 are calculating the area of this triangle.

Here are some of their methods.

Which are correct?

$4 \times 8 \times 16 \times 2 \div 2$	$4 \times 8 \div 2$
$16 \times 2 \div 2$	$16 \times 4 \div 2$
$16 \times 8 \div 2$	8×1



Work out the missing number.

$$6 \times 35 = \underline{\quad\quad} \times 5$$

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James has written the following comparisons.

A $301 \div 7 = 126 \div 3$

B $93.5 \div 5 < 74.4 \div 4$

C $184 \div 8 > 144 \div 6$

Is he correct?



Solve these equations.

$$293 \times 36 =$$

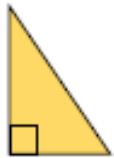
$$254 \times 48 =$$

$$575 \times 63 =$$



A tube of toothpaste holds 75ml.

How many tubes can be filled using 3 litres of toothpaste?



Area = 54 cm^2

What could the length and the height of the triangle be?

How many different integer possibilities can you find?



What pair of values have been used in the following equations if the values are always the same?

$$a + b = 7.5$$

$$a \times b = 9$$

$$a \div b = 4$$

$$a - b = 4.5$$