Name: _____ 5-a-day Foundation Plus

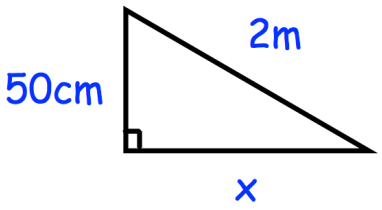
1st September

Corbettmaths

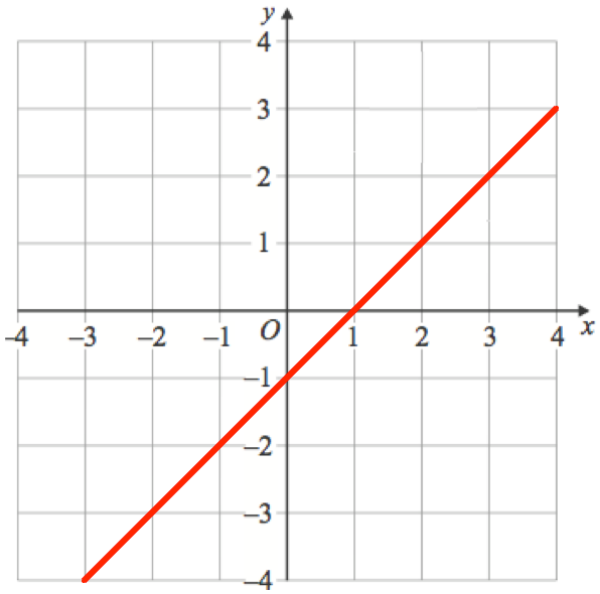
Tick the correct box

5^0

- Greater than 1 ☐
- Equal to 1 ☐
- Less than 1 ☐



Find x



Work out the equation of line L

A clothes shop normally sells their goods at 80% above cost price.
In a sale, the shop reduces the prices by 25%.
What percentage profit does the shop make on clothes sold in the sale?

Name: _____ 5-a-day Foundation Plus

2nd September

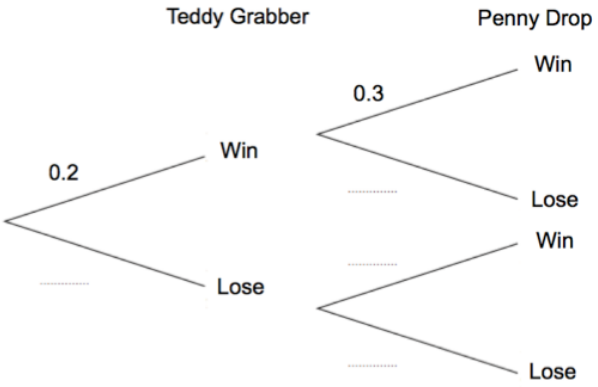
Corbettmaths

Factorise $x^2 + 5x + 6$

Calculate the mass of a piece of metal that has a volume $40cm^3$ and density $3.8g/cm^3$

Evaluate

$$4^{-2}$$



The probability that he wins on the Teddy Grabber is 0.2.

The probability that he wins on the Penny Drop is 0.3.

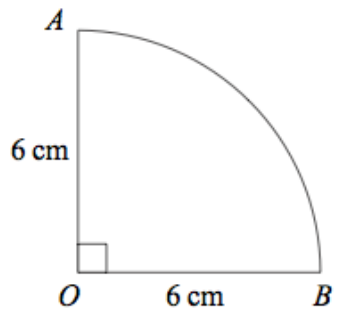
Complete the tree diagram

Work out the probability Samuel wins on the Teddy Grabber and he also wins on the Penny Drop.

Name: _____ 5-a-day Foundation Plus

3rd September

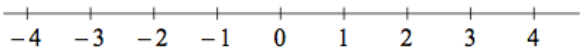
Corbettmaths



Calculate the perimeter of this sector.

Solve $5x + 2 < 7$

Represent the answer on the number line



Find the gradient of the line with equation $y = 5x - 2$

Solve $x^2 + 6x + 5 = 0$

Write down the exact value of Sin 45°

Write down the exact value of Cos 45°

Name: _____ 5-a-day Foundation Plus

4th September

Corbettmaths

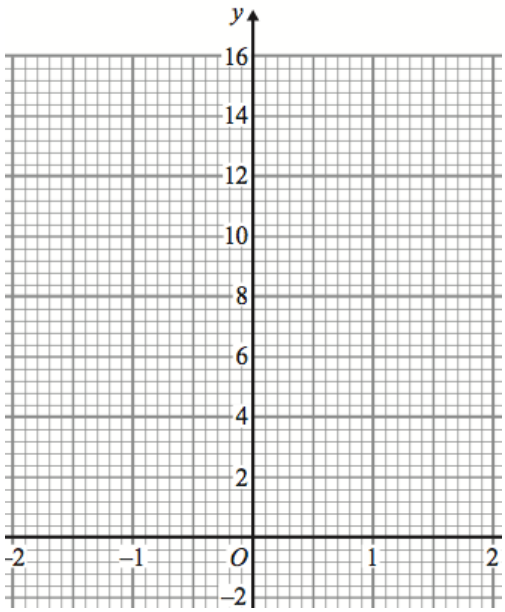
Write down the exact value of Tan 0°

Write down the exact value of Sin 90°

Complete the table of values for
$y = 3x^2 + 1$

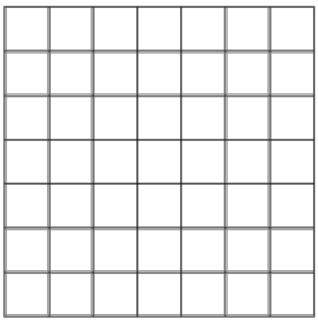
x	-2	-1	0	1	2
y	13		1	4	

On the grid, draw the graph of
$y = 3x^2 + 1$ for the
values of x from -2 to 2.

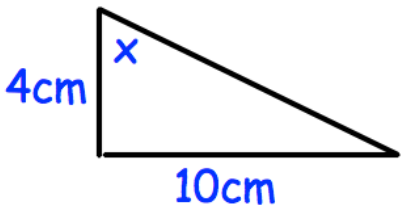


Draw an arrow to represent the vector

$\begin{pmatrix} 4 \\ -3 \end{pmatrix}$



Shown is a right angled triangle

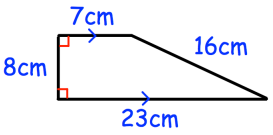


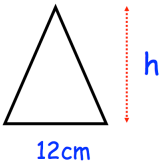
Find x

Name: _____ 5-a-day Foundation Plus

5th September

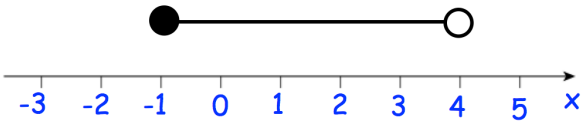
Corbettmaths





The trapezium and triangle have the same area

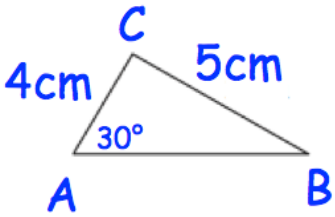
Find x

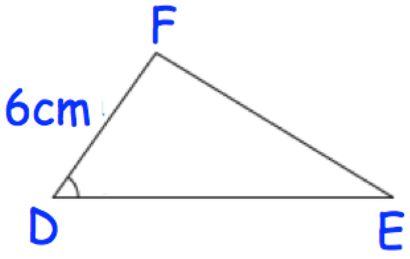


Write down the inequality shown by the diagram.

Solve

$$\frac{9(4x - 1)}{2x} = 15$$





Triangles ABC and DEF are similar.

Find the length of EF

Find the size of angle EDF