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June 23rd	5-a-day	Numeracy

List the first 5 multiples of eight

8 16 24 32 40

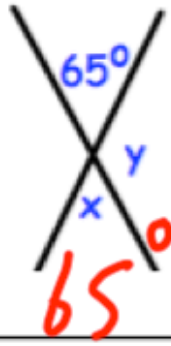
List the factors of 16

1 2 4 8 16

In a class, 24 students have brown hair and 6 have blonde hair.

What fraction have brown hair?

$\frac{24}{30}$ $\frac{12}{15}$ $\frac{4}{5}$



115°

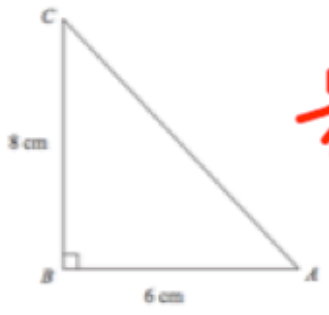
65°

Write 7% as a decimal.

0.07

Write 22% as a fraction

$\frac{22}{100}$ $\frac{11}{50}$



$\frac{1}{2}(6 \times 8)$

$\frac{1}{2}(48)$

Calculate the area of the triangle

$24cm^2$

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June 23	5-a-day	Foundation

Between which two consecutive numbers does $\sqrt{96}$ lie?

9 10

Solve 6y - 6 = 3

+6 +6

6y = 9

÷6 ÷6

y = 1.5

Solve 10y + 1 = 23

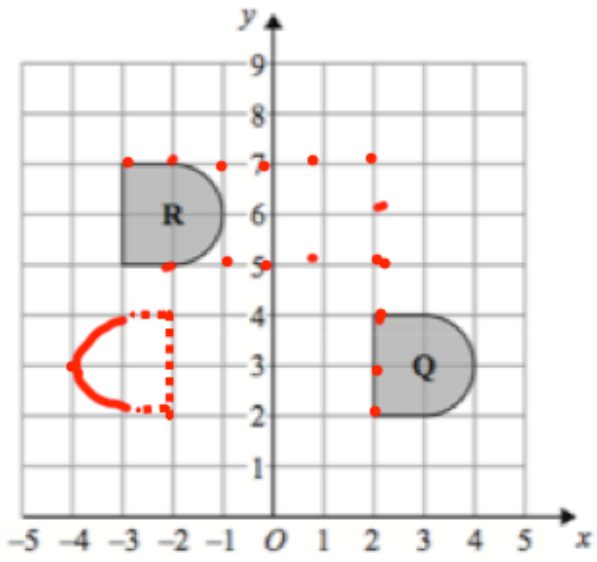
−1 −1

10y = 22

y = 2.2

Write down two factors of 20 that add together to make 12

10 & 2



Describe the single transformation that maps R onto Q.

translation by $\begin{pmatrix} 5 \\ -3 \end{pmatrix}$

Reflect Q in the y-axis

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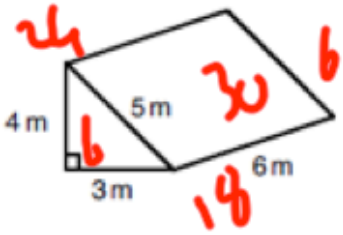
June 23	5-a-day	Higher

$9^0 =$ 1

$27^{-2/3} =$ $\frac{1}{9}$



Calculate the surface area

30
24
18
6

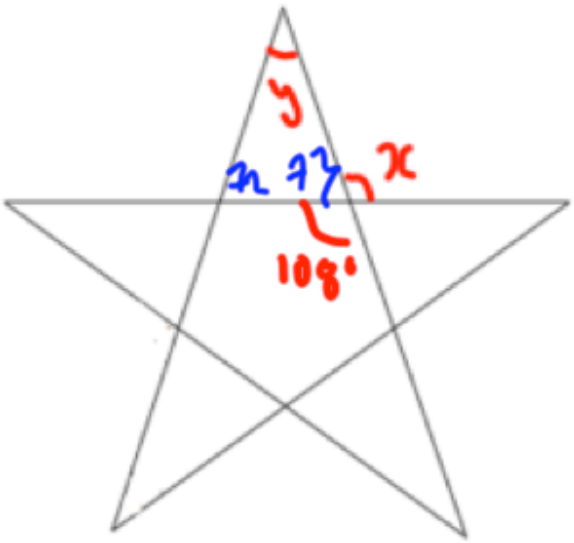
84cm²

Solve

$x^2 - 2x - 24 = 0$

$(x-6)(x+4)=0$

$x=6$ or $x=-4$



Find x

108°

Find y

72+72=144

180 - 144

= 36°

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