



angle P

angle Q

angle R

angle S

angle T

Which angles are obtuse?

Q.

Which angle is 120 degrees?

Q

a) What is 10% of £30

£3

b) What is 5% of £30

£1.50

c) What is 15% of £30

£4.50

d) What is 95% of £30

£28.50

Entry - £1.20

230 people paid entrance.

How much money is that in total?

£276

Simplify:

$3w + 2w + w$

 $6w$

Simplify:

$8 + 2w + 4w$

 $6w + 8$

Simplify:

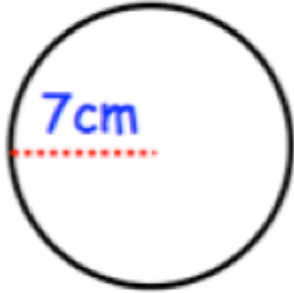
$w + 2 + 4w + 10$

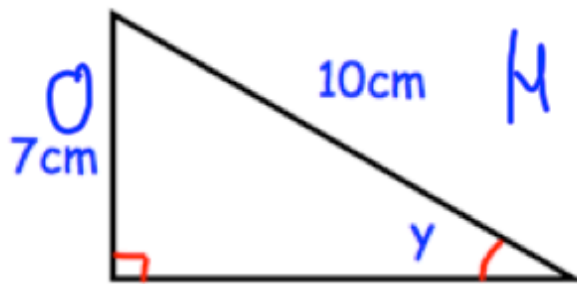
 $5w + 12$

Simplify:

$3w + 6 + w - 4$

 $4w + 2$

February 5th	5-a-day	Foundation
<p>The nth term of a sequence is $4n + 2$</p> <p>Write down the first 3 terms of the sequence</p> <p style="text-align: center;">$6 \quad 10 \quad 14$</p>		<p>Is 130 a term in the sequence?</p> <p>$4n + 2 = 130$</p> <p>$4n = 128$</p> <p>$n = 32$ <u>yes</u></p>
<p>This is the an approximate to convert Fahrenheit to Celius</p> <p>$C = \frac{F - 30}{2}$</p> <p>Convert 18°F into $^{\circ}\text{C}$</p>		<p>$\frac{18 - 30}{2}$</p> <p>$\frac{-12}{2} = -6^{\circ}\text{C}$</p>
<p>$1\frac{1}{4} \times \frac{2}{3}$</p> <p>$\frac{5}{4} \times \frac{2}{3} =$</p>		<p>$\frac{10}{12}$</p> <p>$\frac{5}{6}$</p>
<p>Calculate the circumference</p> <p>$\pi \times 14$</p> <p>$= 43.98\text{cm}$</p>		
<p>Expand and simplify</p> <p>$(x + 5)(x - 3)$</p> <p>$x^2 + 2x - 15$</p>		

Find the size of angle y .

$$\sin y = \frac{7}{10}$$

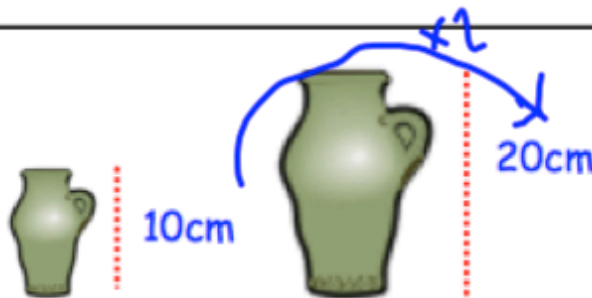
$$y = 44.4^\circ$$

Expand and simplify

$$(y + 5)^2$$

$$(y + 5)(y + 5)$$

$$y^2 + 10y + 25$$



The small jug holds 500ml of water.

How much does the larger jug hold?

$$\begin{aligned} 500 \times 2^3 \\ = 4000 \text{ ml} \\ = 4 \text{ L} \end{aligned}$$

Time, t (seconds)	Frequency	fx
$120 \leq t < 150$	12	1620
$150 \leq t < 180$	17	2805
$180 \leq t < 210$	21	4095
	<u>50</u>	<u>8520</u>

Calculate an estimate of the mean.

$$\begin{aligned} 8520 \div 50 \\ = 170.4 \end{aligned}$$

Simplify

$$\frac{x^2 - 9}{5x^2 + 14x - 3}$$

$$\frac{(x-3)(\cancel{x+3})}{(5x-1)(\cancel{x+3})}$$

$$\frac{x-3}{5x-1}$$