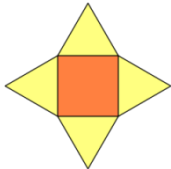


Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10FT1	Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10FT1
<b>Formula for the Area of a Parallelogram</b>			<b>Formula for the Area of a Trapezium</b>		
Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10FT1	Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10FT1
<b>Formula for the Area of a Triangle</b>			<b>Formula for the Area of a Rectangle</b>		
Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10FT1	Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10FT1
<b>Describe what the Surface area of a 3D shape is</b>			<b>What's a 'Plan' of a shape?</b>		
Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10FT1	Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10FT1
<b>Corners of a Shape are called</b>			<b>The view from front or side of a 3d shape is called</b>		
Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10FT1	Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10FT1
<b>Sides of 3D Shapes are called...</b>			<b>What is this?</b> 		
Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10FT1	Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10FT1
<b>How do you find the Volume of a Prism</b>					
Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10FT1	Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10FT1

[WWW.TANNERMATHS.CO.UK](http://WWW.TANNERMATHS.CO.UK)

$\frac{1}{2} (a + b) \times$   
perpendicular height

[WWW.TANNERMATHS.CO.UK](http://WWW.TANNERMATHS.CO.UK)

Length x width

[WWW.TANNERMATHS.CO.UK](http://WWW.TANNERMATHS.CO.UK)

The view from above  
(Birdseye view)

[WWW.TANNERMATHS.CO.UK](http://WWW.TANNERMATHS.CO.UK)

Elevation

[WWW.TANNERMATHS.CO.UK](http://WWW.TANNERMATHS.CO.UK)

Net

[WWW.TANNERMATHS.CO.UK](http://WWW.TANNERMATHS.CO.UK)

[WWW.TANNERMATHS.CO.UK](http://WWW.TANNERMATHS.CO.UK)

[WWW.TANNERMATHS.CO.UK](http://WWW.TANNERMATHS.CO.UK)

Base x perpendicular  
height

[WWW.TANNERMATHS.CO.UK](http://WWW.TANNERMATHS.CO.UK)

$\frac{1}{2} \times$  base x  
perpendicular height

[WWW.TANNERMATHS.CO.UK](http://WWW.TANNERMATHS.CO.UK)

Area of all the faces added  
together

[WWW.TANNERMATHS.CO.UK](http://WWW.TANNERMATHS.CO.UK)

Vertices

[WWW.TANNERMATHS.CO.UK](http://WWW.TANNERMATHS.CO.UK)

Edges

[WWW.TANNERMATHS.CO.UK](http://WWW.TANNERMATHS.CO.UK)

Area of the Cross  
Section x Length

[WWW.TANNERMATHS.CO.UK](http://WWW.TANNERMATHS.CO.UK)

Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10FT1	Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10FT1
<b>Name the four types of Transformation</b>			<b>For an enlargement you need to state:</b>		
Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10FT1	Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10FT1
<b>For a rotation you need to state:</b>			<b>For a translation you need to state:</b>		
Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10FT1	Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10FT1
<b>For a reflection you need to state:</b>			<b>What type of sequence is 1,1,2,3,5,8...</b>		
			Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10T1
			<b>Type of sequence: 1,2,4,8,16,32...</b>		
Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10FT1			
<b>Type of sequence: 3,4,7,11,18,29...</b>					
Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10FT1	Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10FT1
<b>How many m in a km?</b>			<b>Name 5 common Imperial Measures</b>		
Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10FT1	Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10FT1
<b>Name 5 common Metric Measures</b>			<b>How many cm in a metre?</b>		

[WWW.TANNERMATHS.CO.UK](http://WWW.TANNERMATHS.CO.UK)

**Enlargement with a Centre  
and Scale Factor**

[WWW.TANNERMATHS.CO.UK](http://WWW.TANNERMATHS.CO.UK)

**Translation with a  
Vector**

[WWW.TANNERMATHS.CO.UK](http://WWW.TANNERMATHS.CO.UK)

**Fibonacci**

[WWW.TANNERMATHS.CO.UK](http://WWW.TANNERMATHS.CO.UK)

**Geometric**

[WWW.TANNERMATHS.CO.UK](http://WWW.TANNERMATHS.CO.UK)

**Pint, Yard, Gallon, Mile,  
Inch, Feet, Ounces**

[WWW.TANNERMATHS.CO.UK](http://WWW.TANNERMATHS.CO.UK)

**100cm**

[WWW.TANNERMATHS.CO.UK](http://WWW.TANNERMATHS.CO.UK)

**Enlargement, Reflection,  
Translation and Rotation**

[WWW.TANNERMATHS.CO.UK](http://WWW.TANNERMATHS.CO.UK)

**Rotation with a Centre,  
Angle and Direction**

[WWW.TANNERMATHS.CO.UK](http://WWW.TANNERMATHS.CO.UK)

**Reflection with the Line  
of Reflection**

[WWW.TANNERMATHS.CO.UK](http://WWW.TANNERMATHS.CO.UK)

**Fibonacci**

[WWW.TANNERMATHS.CO.UK](http://WWW.TANNERMATHS.CO.UK)

**1000m**

[WWW.TANNERMATHS.CO.UK](http://WWW.TANNERMATHS.CO.UK)

**Km, Metre, Cm, Ml,  
Litre, Kg, Gram**

Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10FT1	Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10FT1
5 miles into kilometres			How many ml in 1 litre?		
Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10FT1	Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10FT1
How many mm in a cm?			What is the equation of this graph?		
Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10FT1	Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10FT1
What is the equation of this graph?			What is the Origin?		
Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10FT1	Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10FT1
What is the equation of this graph?			What is the equation of this graph?		
Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10FT1	Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10FT1
What type of graph?			What type of graph?		
Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10FT1	Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10FT1
$f(x) = x^2 + 4$ what is $f(3)$ ?			If two lines are parallel then their gradients are		
Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10FT1	Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10FT1
In $y=mx+c$ what does m represent?			In $y=mx+c$ what does c represent?		

**1000ml**

**8 km**

$$y = x$$

**10**

**Coordinate (0,0)**

$$y = -x$$

$$y = 2$$

$$x = 1$$

**Quadratic**

**Linear**

**Equal**

**13**

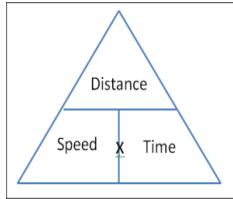
**Y - Intercept**

**Gradient**

Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10FT2	Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10FT2
<b>Sin 30</b>			<b>Cos 60</b>		
Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10FT2	Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10FT2
<b>Cos 30</b>			<b>What is the Speed Formula Triangle?</b>		
Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10FT2	Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10FT2
<b>Speed =</b>			<b>Sin 60</b>		
Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10FT2	Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10FT2
<b>Cos 90</b>			<b>Sin 90</b>		
Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10FT2	Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10FT2
<b>Density =</b>			<b>Sin 0</b>		
Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10FT2	Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10FT2
<b>Cos 0</b>			<b>Tan 0</b>		
Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10FT2	Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10FT2
<b>Tan 30</b>			<b>Tan 60</b>		

$$\frac{1}{2}$$

$$\frac{1}{2}$$



$$\frac{\sqrt{3}}{2}$$

$$\frac{\sqrt{3}}{2}$$

$$\frac{\textit{Distance}}{\textit{Time}}$$

$$1$$

$$0$$

$$0$$

$$\frac{\textit{Mass}}{\textit{Volume}}$$

$$0$$

$$1$$

$$\sqrt{3}$$

$$\frac{\sqrt{3}}{3}$$



Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10FT2	Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10FT2
<p><b>What is the Tan ratio for right angled trigonometry?</b></p>			<p><b>What is the Cosine ratio for right angled trigonometry?</b></p>		
Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10FT2	Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10FT2
<p><b>A way to remember the right angled trigonometry formulae</b></p>			<p><b>What is the Sine ratio for right angled trigonometry?</b></p>		
Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10FT2	Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10FT2
<p><b>Probability of you getting a 4 is 19/20. What is the probability of you not getting a 4?</b></p>			<p><b>Probabilities add to:</b></p>		
Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10FT2	Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10FT2
<p><b>Probability of Something OR something else</b></p>			<p><b>Probability of something AND something else</b></p>		
Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10FT2	Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10FT2
<p><b>What does P(A) mean?</b></p>			<p><b>What does P(B') mean?</b></p>		
Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10FT2	Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10FT2
<p><b>What does A u B mean?</b></p>			<p><b>What does A n B mean?</b></p>		
Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10FT2	Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10FT2
<p><b>Split £30 in the ratio 4:1</b></p>			<p><b>Simplify 30:20</b></p>		

$$\cos \theta = \frac{\textit{adjacent}}{\textit{hypotenuse}}$$

$$\tan \theta = \frac{\textit{opposite}}{\textit{adjacent}}$$

$$\sin \theta = \frac{\textit{opposite}}{\textit{hypotenuse}}$$

**SOHCAHTOA**

**1**

**1/20**

**Multiply the  
Probabilities**

**Add the Probabilities**

**Probability of not B**

**Probability of A**

[WWW.TANNERMATHS.CO.UK](http://WWW.TANNERMATHS.CO.UK)

[WWW.TANNERMATHS.CO.UK](http://WWW.TANNERMATHS.CO.UK)

**only the things  
that are in  
both of the sets**

**everything  
that is in either  
of the sets**

[WWW.TANNERMATHS.CO.UK](http://WWW.TANNERMATHS.CO.UK)

[WWW.TANNERMATHS.CO.UK](http://WWW.TANNERMATHS.CO.UK)

**3:2**

**£24 and £6**

Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10FT3	Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10FT3
<p><b>What is <u>Simple Interest</u>?</b></p>			<p><b>What is <u>Compound Interest</u>?</b></p>		
			Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10FT3
			<p><b>Depreciate means</b></p>		
Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10FT3	Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10FT3
<p><b>To increase by 15% multiply by</b></p>			<p><b>To decrease by 15% multiply by</b></p>		
Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10FT3	Q	<a href="#">SYBIL ANDREWS ACADEMY</a>	10FT3
<p><b>To decrease by 5% multiply by</b></p>			<p><b>To increase by 5% multiply by</b></p>		

## Finding the interest of the new total amount each year

**Decrease**

**0.85**

**1.05**

## The same amount of interest every year

**1.15**

**0.95**