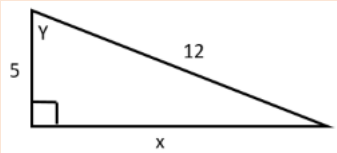
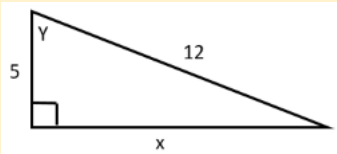
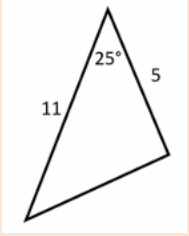
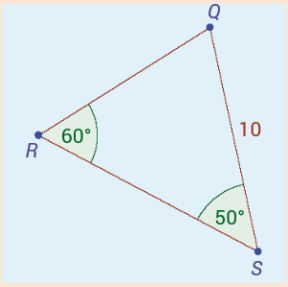
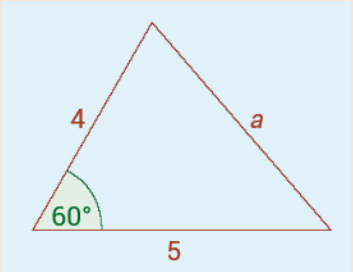
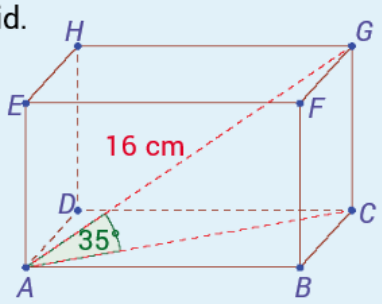
Assess your learning - Trigonometry

Where is your learning at? **Be Honest!**	red	orange	green	Revised for 10 Week Exam	Revised for Summer exam
Can you answer the following questions?					
I can use Pythagoras Theorem to find missing sides of right-angled triangles. E.g. Find x below: 					
I can use the Sin/Cos/Tan ratios to find missing sides and angles of right-angled triangles. E.g. Find x and Y below: 					
I can convert between degrees and radians. E.g. Convert 145° to radians. Convert $\frac{2\pi}{3}$ rads to degrees.					
I can calculate the area and length of sectors. E.g. Find the area and length of a sector of radius 5cm with angle $\frac{2\pi}{3}$ radians at the centre.					
I can calculate the area of a triangle when given 2 sides and the included angle. E.g. Find the area of the triangle: 					
I can find the Sin, Cos and Tan of angles bigger than 90° using the unit circle. E.g. Find $\sin 240$ in surd form.					
I can find missing sides and angles of non-right-angled triangles using i) Sine Rule and/or ii) Cosine Rule E.g. Find the missing sides and angles below. i)  ii) 					

I can solve some 3D trigonometrical problems. E.g. Shown here is a cuboid. $\|AG\| = 16$ cm. $\|\angle CAG\| = 35°$. Calculate $\|EG\|$. 					
I can draw the graphs of the trig functions sin, cos and tan. E.g. Sketch the graph of $y = 2\sin 2x, for -\pi \leq x \leq \pi$					
I can evaluate some expressions involving the angles 30, 45 and 60, and the tables book. E.g. Evaluate $\sin^2 45 + \cos^2 30$ without a calculator.					
I can solve trigonometrical equations involving sine and cosine. E.g. Solve the equation for x: $\cos 3x = \frac{1}{\sqrt{2}}$					
I can use the Trig Identities to simplify some expressions. E.g. Write $sin3x + cos2x$ as a product					