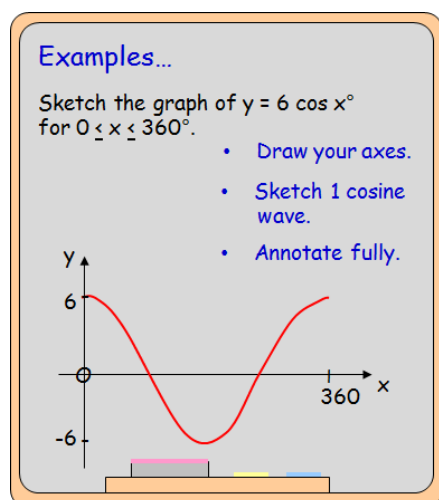
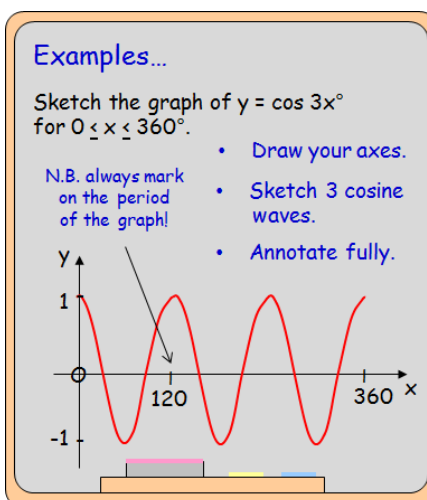


Outcome 2 - Sketching trig graphs

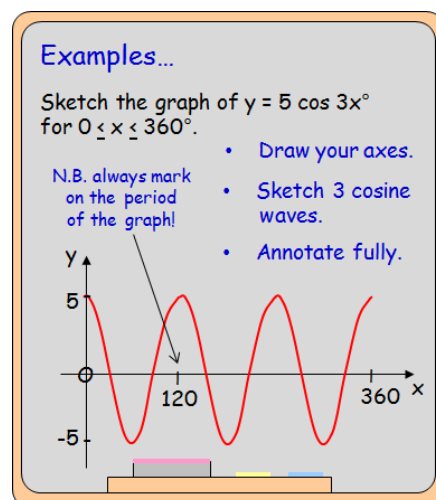
Bronze example



Silver example



Gold example



Bronze Questions

Sketch the following trig graphs...

 $y = 3 \sin x^\circ$ for $0 \leq x \leq 360^\circ$

 $y = 5 \cos x^\circ$ for $0 \leq x \leq 360^\circ$

 $y = 2 \sin x^\circ$ for $0 \leq x \leq 360^\circ$

 $y = \cos x^\circ$ for $0 \leq x \leq 360^\circ$

 $y = \frac{1}{2} \cos x^\circ$ for $0 \leq x \leq 360^\circ$

Silver Questions

Sketch the following trig graphs...

 $y = \sin 6x^\circ$ for $0 \leq x \leq 360^\circ$

 $y = \sin x^\circ$ for $0 \leq x \leq 360^\circ$

 $y = \cos 3x^\circ$ for $0 \leq x \leq 360^\circ$

 $y = \sin 2x^\circ$ for $0 \leq x \leq 360^\circ$

 $y = \cos 4x^\circ$ for $0 \leq x \leq 360^\circ$

Gold Questions

Sketch the following trig graphs...

 $y = 6 \sin 4x^\circ$ for $0 \leq x \leq 360^\circ$

 $y = 2 \sin 3x^\circ$ for $0 \leq x \leq 360^\circ$

 $y = 3 \cos 10x^\circ$ for $0 \leq x \leq 360^\circ$

 $y = 7 \sin 12x^\circ$ for $0 \leq x \leq 360^\circ$

 $y = 5 \cos \frac{1}{4}x^\circ$ for $0 \leq x \leq 360^\circ$



Bronze Answers

****Get a teacher to
check your graphs****

Silver Answers

****Get a teacher to
check your graphs****

Gold Answers

****Get a teacher to
check your graphs****