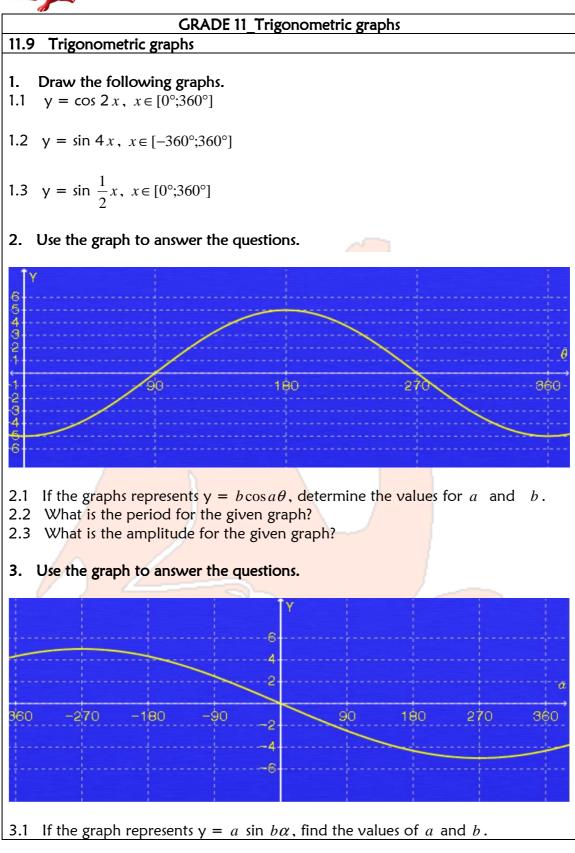


## CAMI Mathematics: Grade 11







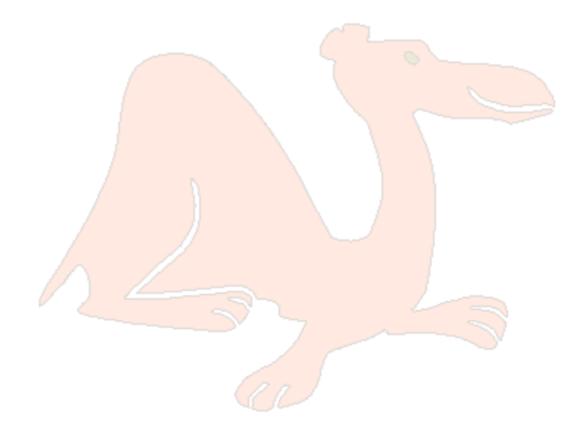
3.2 Write down the period of the graph.

3.3 Write down the maximum value for the graph.

## 4. Answer the following questions.

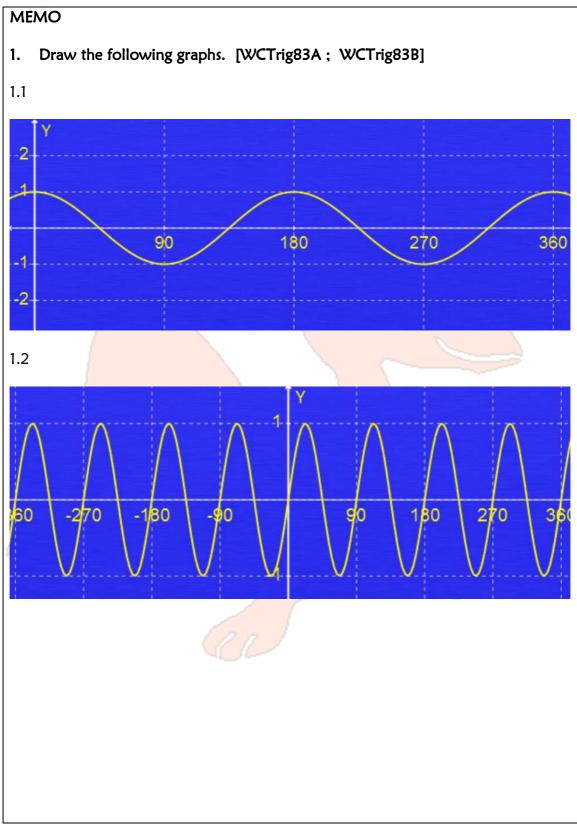
4.1 If  $y = -2 \sin 3\beta$  -1, for  $\beta \in [360^\circ; 1360^\circ]$ , write down the minimum and maximum values for the graph.

- 4.2 If  $y = -3 \cos 3\alpha + 3$ , for  $\alpha \in [0^{\circ}; 360^{\circ}]$ , determine the period for the graph.
- 4.3 Write down the range for  $y = -2 \tan 3\alpha + 1$  if  $\alpha \in [-360^\circ; 360^\circ]$ .













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