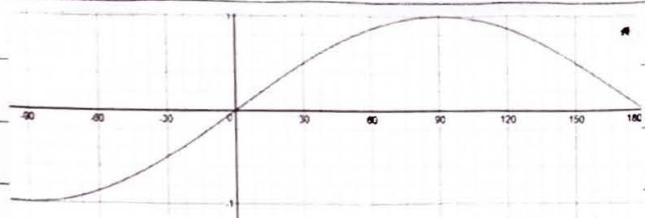
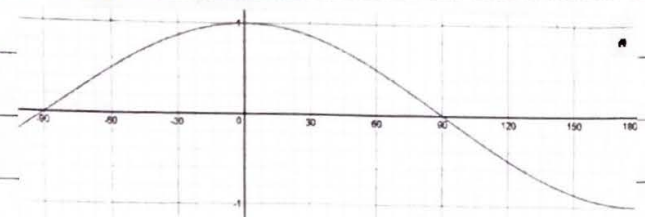


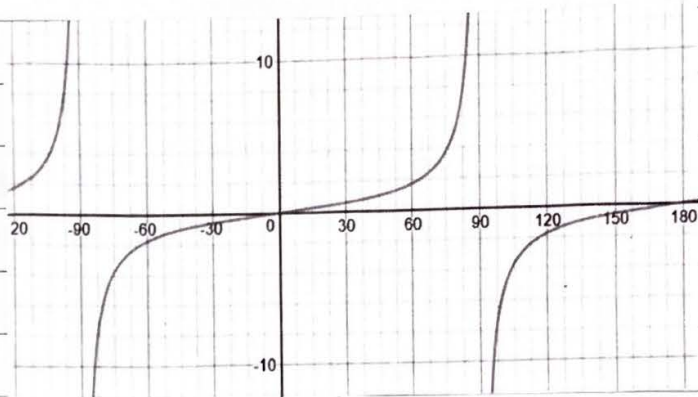
Trig graphs



sine ↑



cosine ↑

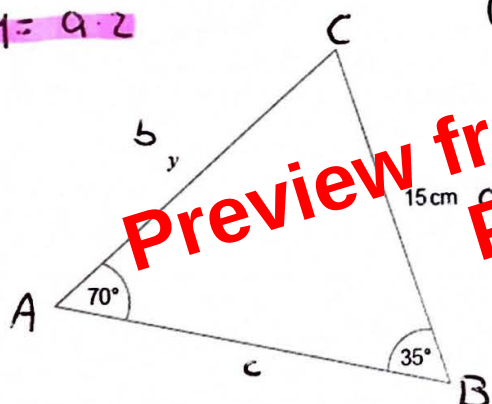


tangent ↑

Practice

Work out the value of y

$$y = 9.2$$



(2 marks)

$$\frac{a}{\sin A} = \frac{b}{\sin B} = \frac{c}{\sin C}$$

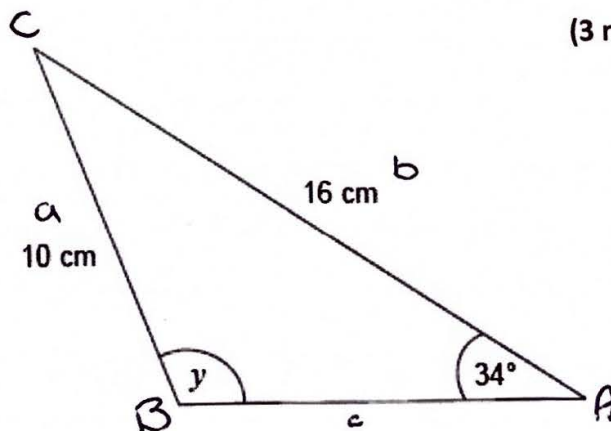
$$\frac{15}{\sin 10} = \frac{y}{\sin 35}$$

$$y = \frac{15 \times \sin(35)}{\sin(70)} = 9.155809$$

$$\frac{\sin A}{a} = \frac{\sin B}{b} = \frac{\sin C}{c}$$

$$\frac{\sin(34)}{10} = \frac{\sin(y)}{16}$$

Work out the size of y .



(3 marks)