

Question 3 iv) contin...

$$(x - 12) (x - 2)$$

$$\begin{aligned} x - 12 &= 0 \\ x - 2 &= 0 \end{aligned} \quad \begin{aligned} x &= +12 \\ x &= +2 \end{aligned}$$

$$\tan x = +12$$

$$\tan x = +2$$

$$\tan^{-1} 12 =$$

$$85.24$$

$$180 + 85.24 =$$

$$265.24$$

ANSWER

(1)

$$\tan^{-1} 2 =$$

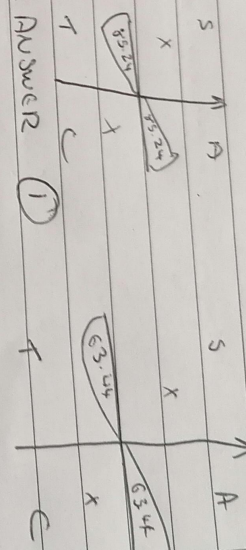
$$63.44$$

$$180 + 63.44 =$$

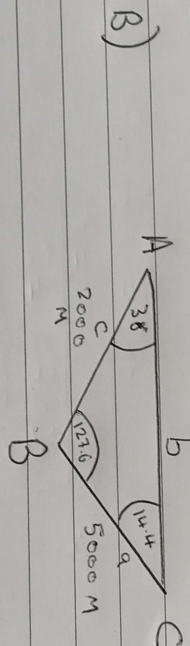
$$243.44$$

ANSWER

(2)



Question 3



SINE RULE

$$\frac{5000}{\sin C} = \frac{2000}{\sin C}$$

$$= (0.62)(2000) = (\sin C)(5000)$$

$$= (1240) = 0.248$$

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

Angle sin

14.36

$$\frac{b}{\sin B} = \frac{2000}{\sin C}$$

$$(2000)(0.79) = b(0.25)$$

$$\frac{0.79}{0.25}$$