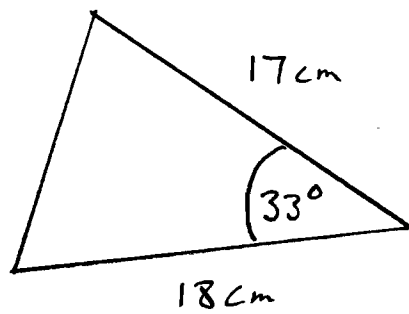


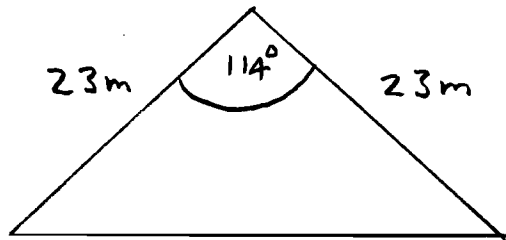
AREA OF TRIANGLE BY TRIGONOMETRYEXERCISE

1.



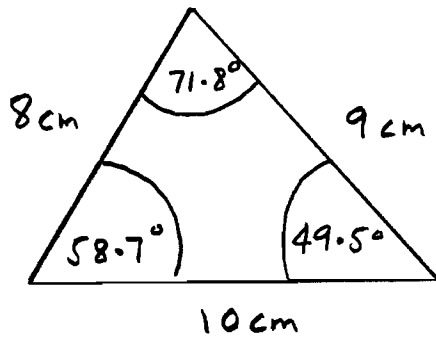
Find area of triangle

2.



Find area of triangle

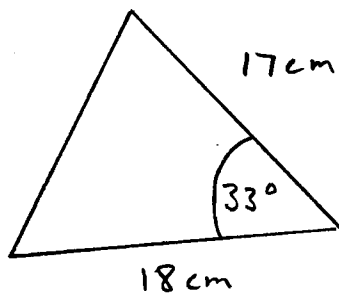
3.

Find area of triangle
3 different ways.

||

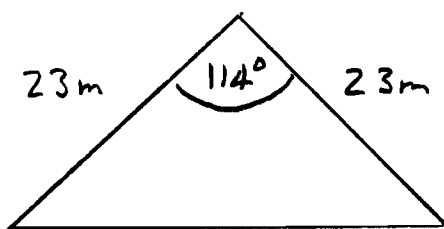
AREA OF TRIANGLE BY TRIGONOMETRYEXERCISE

1.



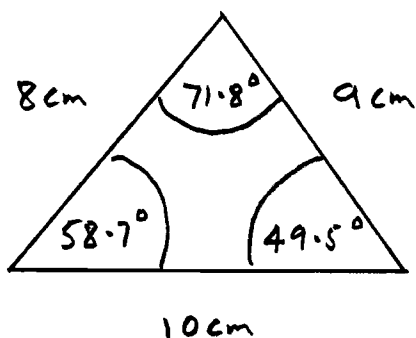
$$\begin{aligned} \text{Area} &= \frac{1}{2} \times 17 \times 18 \times \sin 33^\circ \\ &= 83.3 \text{ cm}^2 \end{aligned}$$

2.



$$\begin{aligned} \text{Area} &= \frac{1}{2} \times 23 \times 23 \times \sin 114^\circ \\ &= 241.6 \text{ m}^2 \end{aligned}$$

3.



$$\text{Area} = \frac{1}{2} \times 8 \times 10 \times \sin 58.7^\circ = 34.2 \text{ cm}^2$$

$$\text{Area} = \frac{1}{2} \times 10 \times 9 \times \sin 49.5^\circ = 34.2 \text{ cm}^2$$

$$\text{Area} = \frac{1}{2} \times 8 \times 9 \times \sin 71.8^\circ = 34.2 \text{ cm}^2$$