

1 radian

$\frac{2\pi}{3}$  radians

Two points A, B are on the circumference of a circle, centre O, radius 8 cm. Angle AOB is  $\frac{\pi}{6}$  radians. Area triangle AOB, in  $\text{cm}^2$ , is

Two points A, B are on the circumference of a circle, centre O, radius 6 cm. Angle AOB is  $\frac{\pi}{3}$  radians. Length AB, in cm, is

Two points A, B are on the circumference of a circle, centre O, radius 4 cm. Angle AOB is 5 radians. The perimeter of OAB, in cm, is

A pendulum swings through  $15^\circ$  each second. If the pendulum is 36cm long, how far, in cm, does its tip move each second?

The minute hand of a clock is 15 cm long. How far, in cm, does it move in 10 minutes?

arc length, in cm, of a sector of a circle, radius 3, angle at the centre 4 radians

area of a triangle ABC where a, b and angle C are known

Two points A, B are on the circumference of a circle, centre O, radius r. Angle AOB is  $\theta$  radians. Area triangle AOB is

Two points A, B are on the circumference of a circle, centre O, radius r. Angle AOB is  $\theta$  radians. The square of length AB is



