



1 radian

2π

180°

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

12π

2

35

25

$9\sqrt{6}$

$\frac{1}{2}r^2 \sin \theta$

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 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 $\frac{5}{3}$ radians. The perimeter of OAB, in cm, is

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

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 θ radians. Area triangle AOB is

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

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

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



