







Radian Measure II (4.1)

ex4: An automobile tire with a diameter of 60 cm turns 10 times per second. How far does a point on the tread travel in one minute?

$$\frac{|O \cap A|}{|S|} \times \frac{2\pi |B \cap A|}{|A \cap A|} \times \frac{|A \cap A|}{|A \cap A|} = \frac{|B \cap A|}{|B \cap A|}$$

How fast is the automobile traveling in km/h?

14 AC

15 bc

