

Pre-Calculus

NAME _____

Chpt. 7

Date _____

Trig Preview

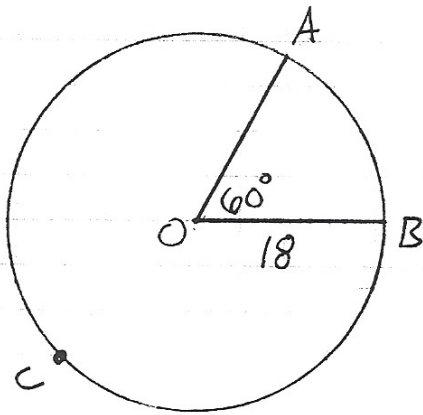
A# _____

1) Find the circumference and area of a circle with a radius of 7 cm.

2) Find the area of a semi-circle with a diameter of 20 inches.

3) Find the arc length of a semi-circle with a radius of 15 feet.

4)

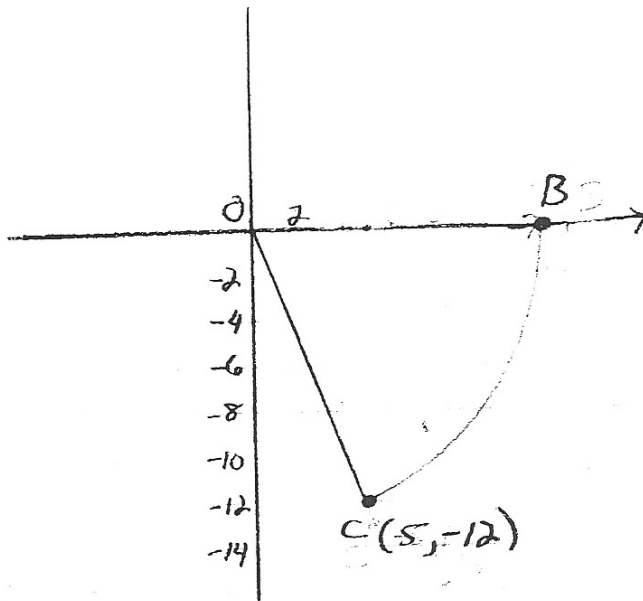


a) Find the area of sector AOB

b) Find the arc length of \widehat{AB}

c) Find the area of the sector bound by arc \widehat{ACB}

5



a) What is the coordinate of B?

b) Find the $m \widehat{BC}$

c) Find $m \angle BOC$

d) Find the Area of sector BOC.

e) Find the arc length of \widehat{BC} .

6) The diameter of a bike wheel is 26 inches. How far will the bike travel if the wheels make 2000 revolutions?

7) Find the circumference of a circle with area 49π .