

Arc Length-Sector Area

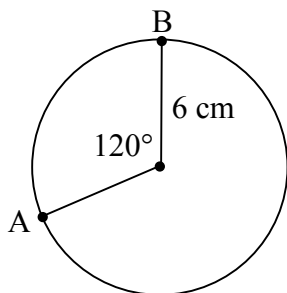
Name: _____

Wells Worksheet (W2)

Date: _____

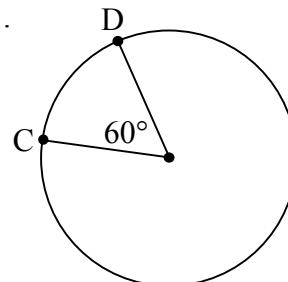
Block: _____

1. Find the length of arc AB .



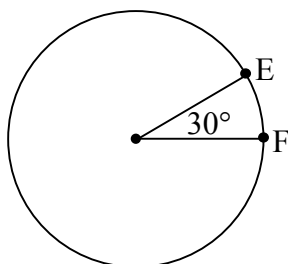
Arc: _____

2. The diameter is 24 cm. Find the length of arc CD .



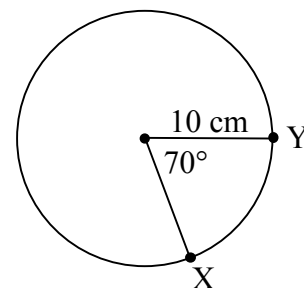
Arc: _____

3. The length of arc EF is 5π in. Find the length of the radius.



Radius: _____

4. Find the length of arc XY .



Arc: _____

5. A circle has an arc whose measure is 80° and whose length is 88π . What is the diameter of the circle?

6. A circle has a circumference whose length is 25π . Find the length of an arc whose central angle is 90° .

7. Find the measure of the central angle of an arc if its length is 14π and the radius is 18.