

NAME \_\_\_\_\_

DATE \_\_\_\_\_

PERIOD \_\_\_\_\_

## Unit 3, Lesson 5: Circumference and Wheels

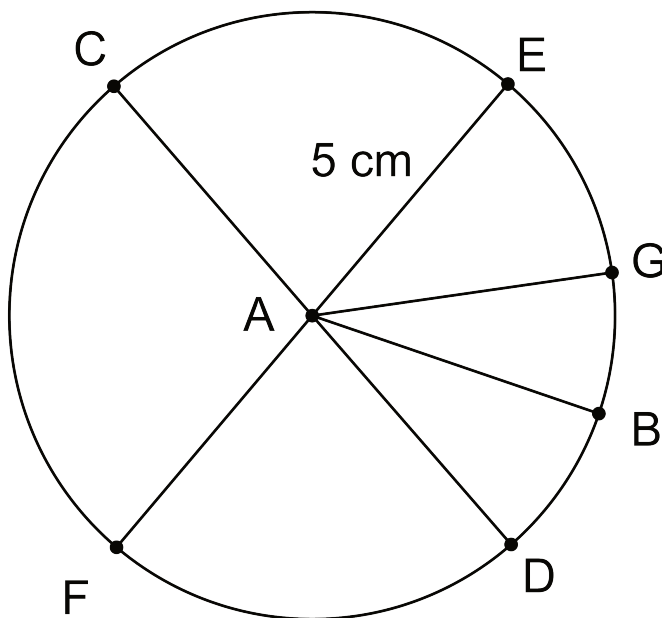
- The diameter of a bike wheel is 27 inches. If the wheel makes 15 complete rotations, how far does the bike travel?
- The wheels on Kiran's bike are 64 inches in circumference. How many times do the wheels rotate if Kiran rides 300 yards?
- The numbers are measurements of radius, diameter, and circumference of circles A and B. Circle A is smaller than circle B. Which number belongs to which quantity? 2.5, 5, 7.6, 15.2, 15.7, 47.7

(from Unit 3, Lesson 4)

- Circle A has circumference  $2\frac{2}{3}$  m. Circle B has a diameter that is  $1\frac{1}{2}$  times as long as Circle A's diameter. What is the circumference of Circle B?

(from Unit 3, Lesson 3)

- The length of segment  $AE$  is 5 centimeters.



- What is the length of segment  $CD$ ?
- What is the length of segment  $AB$ ?
- Name a segment that has the same length as segment  $AB$ .

(from Unit 3, Lesson 2)