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NAME _____ DATE _____

CIRCUMFERENCE: Worksheet 4

Use $\pi = 3.14$. Round answers to hundredths if necessary.

1) $r = 22$ cm.
Find C.

2) $d = 17$ ft.
Find C.

3) $r = 1.9$ in.
Find C.

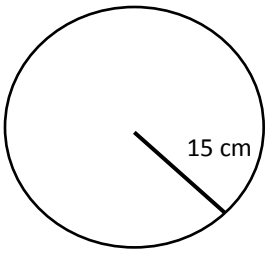
4) $d = 4$ mi.
Find C.

5) C = 13 in.
Find *r*.

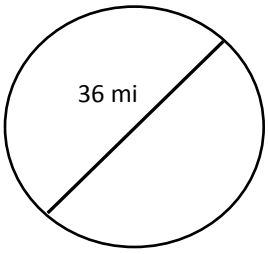
6) C = 24 cm.
Find *r*.

7) C = 5.9 mi.
Find *d*.

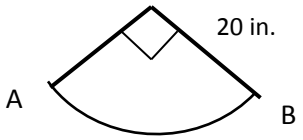
8) Find C.



9) Find C.



10) Find the distance the pendulum swings from A to B.



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KEY
CIRCUMFERENCE: Worksheet 4

Use $\pi = 3.14$. Round answers to hundredths if necessary.

1) r = 22 cm. Find C. $3.14 \bullet 44 = 138.16 cm$

2) d = 17 ft. Find C. $3.14 \bullet 17 = 53.38 ft$

3) r = 1.9 in. Find C. $3.14 \bullet 3.8 = 11.93 in$

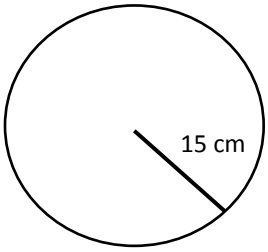
4) d = 4 mi. Find C. $3.14 \bullet 4 = 12.56 mi$

5) C = 13 in. Find r. $(13 \div 3.14) \div 2 = 2.07 in$

6) C = 24 cm. Find r. $(24 \div 3.14) \div 2 = 3.82 cm$

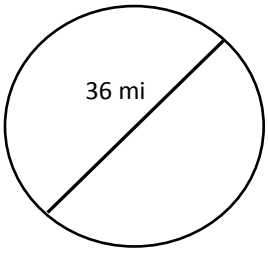
7) C = 5.9 mi. Find d. $5.9 \div 3.14 = 1.88 mi$

8) Find C.



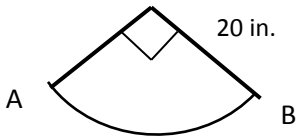
$3.14 \bullet 30 = 94.2 cm$

9) Find C.



$3.14 \bullet 36 = 113.04 mi$

10) Find the distance the pendulum swings from A to B.



$C = 3.14 \bullet 40 = 125.6 in$
$125.6 \div 4 = 31.4 in$