Jmath.net

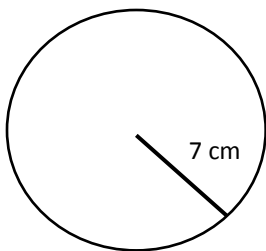NAME _____   DATE _____
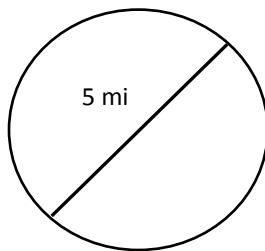
CIRCUMFERENCE: Worksheet 2

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

1) $r = 2$ cm.
   Find C.

2) $d = 8$ ft.
   Find C.

3) $r = 4.6$ in.
   Find C.

4) $d = 6$ mi.
   Find C.

5) $C = 10$ in.
   Find r.

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

7) $C = 2.2$ mi.
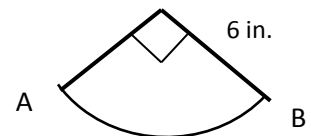   Find d.

8) Find C.

9) Find C.

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

7 cm

5 mi

6 in.

A   B

Jmath.net

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

1) $r = 2$ cm.
   Find C.

   $3.14 \bullet 4 = 12.56 cm$

2) $d = 8$ ft.
   Find C.

   $3.14 \bullet 8 = 28.26 ft$

3) $r = 4.6$ in.
   Find C.

   $3.14 \bullet 9.2 = 28.89 in$

4) $d = 6$ mi.
   Find C.

   $3.14 \bullet 6 = 18.84 mi$

5) $C = 10$ in.
   Find r.

   $(10 \div 3.14) \div 2 = 1.59 in$

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

   $(22 \div 3.14) \div 2 = 3.50 cm$

7) $C = 2.2$ mi.
   Find d.
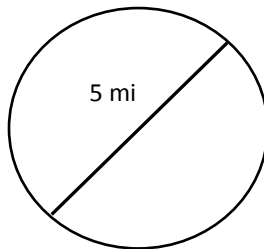
   $2.2 \div 3.14 = .70 mi$

8) Find C.

7 cm
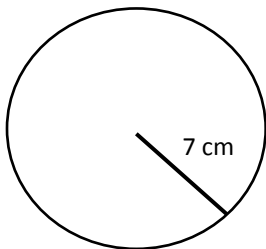
$3.14 \bullet 14 = 43.96 cm$

9) Find C.

5 mi

$3.14 \bullet 5 = 15.7 mi$

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

6 in.

A

B

$C = 3.14 \bullet 12 = 37.68 in$
$37.68 \div 4 = 9.42 in$