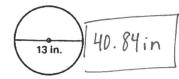
- 1. Find the circumference.
- 2. Find the circumference.
- 3. Find the radius.





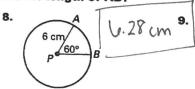


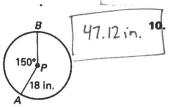
10.50 cm

Find the indicated measure.

- 4. The exact radius of a circle with circumference 42 meters
- 5. The exact diameter of a circle with circumference 39 centimeters 39
- 6. The exact circumference of a circle with diameter 15 inches 15 Tin 7. The exact circumference of a circle with radius 27 feet

Find the length of \widehat{AB} .





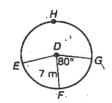


7.33ft.

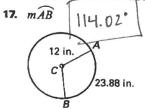
20.53 cm

In $\bigcirc D$ shown below, $\angle EDF \cong \angle FDG$. Find the indicated measure.

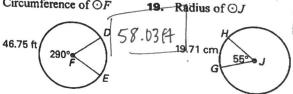
- 11. mEFG 140°
- 12. mEHG 200°
- 13. Length of EFG 19.55 m. 14. Length of EHG 24.43 m.
- 15. mEHF 280'
- **16.** Length of \widehat{FEG}



Find the indicated measure.



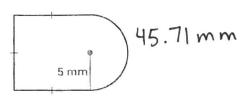
18. Circumference of ⊙F



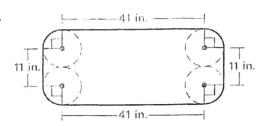
Find the perimeter of the region.

138.56 in

20.



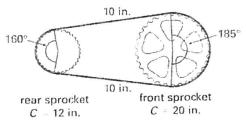
21.



22. In the table below, \overrightarrow{AB} refers to the arc of a circle. Complete the table.

Radius	4	11	9.79	4.81	9.5	10.7
mAB	30°	43:02	105°	75°	8824	270°
Length of AB	?	8.26	17.94	6.3	14.63	50:42

23. Bicycles The chain of a bicycle travels along the front and rear sprockets, as shown. The circumference of each sprocket is given.



a. About how long is the chain?

35. 61 in

b. On a chain, the teeth are spaced in $\frac{1}{2}$ inch intervals. About how many teeth are there on this chain?

24. Enclosing a Garden You have planted a circular garden with its center at one of the corners of your garage, as shown. You want to fence in your garden. About how much fencing do you need?

