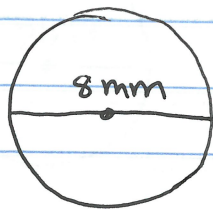


Circumference of a circle

Formulas: $C = \pi D$ [OR] $C = 2\pi R$

↑ ↑ ↑
circumference Diameter Radius

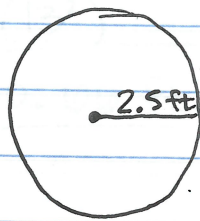
Ex. Find the circumference. Use 3.14 for π .



$$C = \pi D$$

$$C = 3.14(8)$$

$$C \approx 25.12 \text{ mm}$$

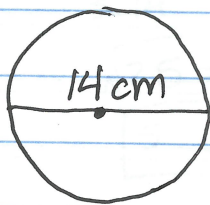


$$C = 2\pi R$$

$$C = 2(3.14)(2.5)$$

$$C \approx 15.7 \text{ ft}$$

Ex. Find circumference. Use $\frac{22}{7}$ for π .



$$C = \pi D$$

$$C = \left(\frac{22}{7}\right) 14$$

$$C \approx 44 \text{ cm}$$