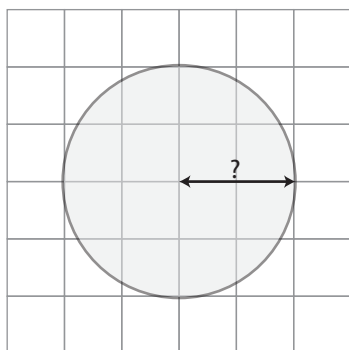


# What's the Radius?

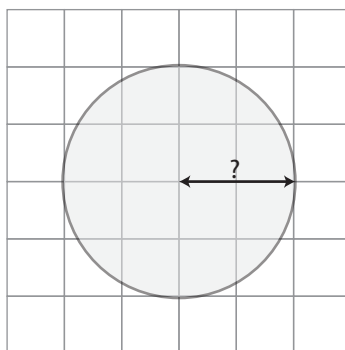
Name: \_\_\_\_\_ Class: \_\_\_\_\_

For each circle, calculate the length of the radius given its area. Take  $\pi = 22/7$  and show your workings. All radiuses are multiples of 7!



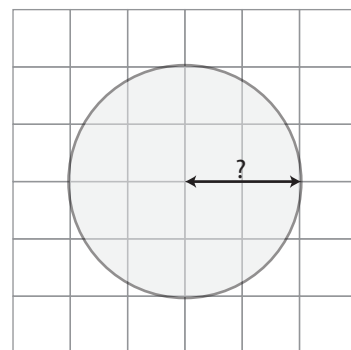
Area:  $154 \text{ cm}^2$

Radius: \_\_\_\_\_



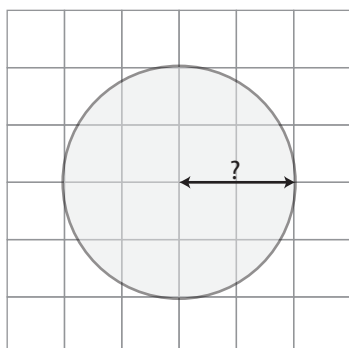
Area:  $616 \text{ cm}^2$

Radius: \_\_\_\_\_



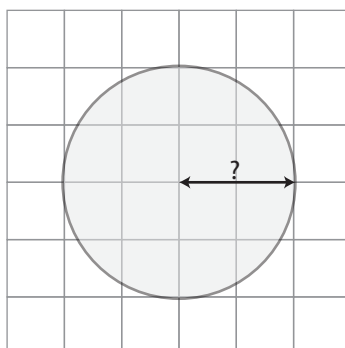
Area:  $15,400 \text{ cm}^2$

Radius: \_\_\_\_\_



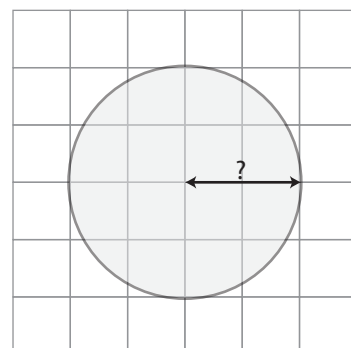
Area:  $3,850 \text{ cm}^2$

Radius: \_\_\_\_\_



Area:  $1,386 \text{ cm}^2$

Radius: \_\_\_\_\_

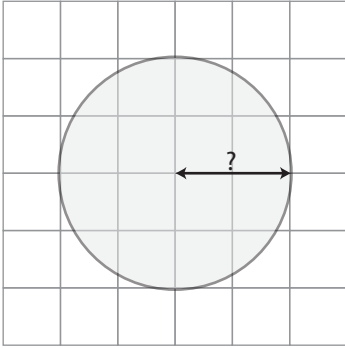


Area:  $2,464 \text{ cm}^2$

Radius: \_\_\_\_\_

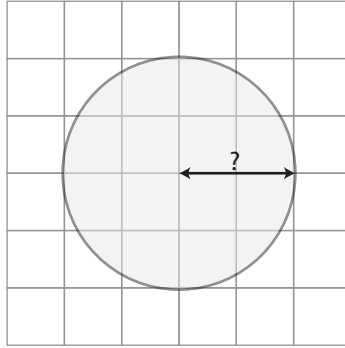
# Answers

For each circle calculate the length of the radius given its area. Take  $\pi = 22/7$  and show your workings. All radii are multiples of 7!



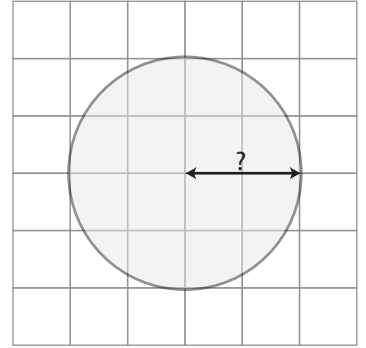
Area:  $154 \text{ cm}^2$

Radius: 7 cm



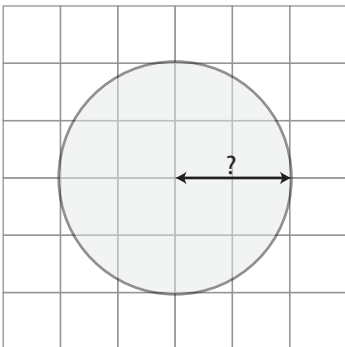
Area:  $616 \text{ cm}^2$

Radius: 14 cm



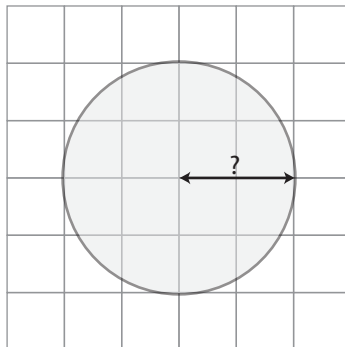
Area:  $15,400 \text{ cm}^2$

Radius: 70 cm



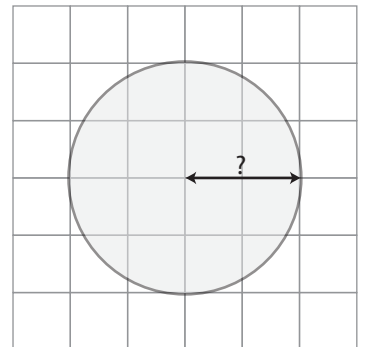
Area:  $3,850 \text{ cm}^2$

Radius: 35 cm



Area:  $1,386 \text{ cm}^2$

Radius: 21 cm



Area:  $2,464 \text{ cm}^2$

Radius: 28 cm