

Student Name: _____

Score: _____

Area of Circle Worksheet

Find the area of the following circles whose radius is given (find the area in terms of π):

Work Space

1) Radius = 7 cm

Area = _____

2) Radius = 4 cm

Area = _____

3) Radius = 12 m

Area = _____

4) Radius = 8 yards

Area = _____

5) Radius = 15 inches

Area = _____

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Score:

Answers

1) Radius = 7 cm

$$\text{Area} = 49\pi \text{ cm}^2$$

2) Radius = 4 cm

$$\text{Area} = 16\pi \text{ cm}^2$$

3) Radius = 12 m

$$\text{Area} = 144\pi \text{ m}^2$$

4) Radius = 8 yards

$$\text{Area} = 64\pi \text{ yard}^2$$

5) Radius = 15 inches

$$\text{Area} = 225\pi \text{ inch}^2$$