

Student Name: _____

Score: _____

Area of Circle Worksheet

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

Work Space

1) Diameter = 8 cm

Area = _____

2) Diameter = 6 m

Area = _____

3) Diameter = 6.8 inches

Area = _____

4) Diameter = 1 km

Area = _____

5) Diameter = 100 yards

Area = _____

Student Name: _____

Score:

Answers

1) Diameter = 8 cm

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

2) Diameter = 6 m

$$\text{Area} = 9\pi \text{ m}^2$$

3) Diameter = 6.8 inches

$$\text{Area} = 11.56\pi \text{ inch}^2$$

4) Diameter = 1 km

$$\text{Area} = 0.25\pi \text{ km}^2$$

5) Diameter = 100 yards

$$\text{Area} = 2500\pi \text{ yard}^2$$