

Student Name: \_\_\_\_\_

Score: \_\_\_\_\_

### Surface Area of Sphere Worksheet

Calculate the surface area in terms of  $\pi$ :

Radius = 4 cm          Surface area = _____	Radius = 6 inches          Surface area = _____
Diameter = 4 feet          Surface area = _____	Radius = 2.5 yards          Surface area = _____
Diameter = 3.2 cm          Surface area = _____	Diameter = 7 m          Surface area = _____
Radius = 7 inches          Surface area = _____	Diameter = 10 cm          Surface area = _____

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### Answers

Radius = 4 cm  Surface area = $64\pi \text{ cm}^2$	Radius = 6 inches  Surface area = $144\pi \text{ inch}^2$
Diameter = 4 feet  Surface area = $16\pi \text{ ft}^2$	Radius = 2.5 yards  Surface area = $25\pi \text{ yd}^2$
Diameter = 3.2 cm  Surface area = $10.24\pi \text{ cm}^2$	Diameter = 7 m  Surface area = $49\pi \text{ m}^2$
Radius = 7 inches  Surface area = $196\pi \text{ inch}^2$	Diameter = 10 cm  Surface area = $100\pi \text{ cm}^2$