

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

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

**Surface Area of Hemisphere Worksheet**

Problems

Work Space

<p>Find the surface area of a hemisphere with radius 5 cm.</p> <p>Answer: _____</p>	
<p>Diameter of a hemisphere = 6 m. Find the approximate surface area of a hemisphere rounded to two decimal places.</p> <p>Answer: _____</p>	
<p>Radius of a solid hemisphere is 2.7 feet. Find the exact surface area of a solid hemisphere.</p> <p>Answer: _____</p>	
<p>Find the surface area of hemispherical bowl with closed lid whose radius is 4 inches.</p> <p>Answer: _____</p>	
<p>Diameter = 3.2 yards. Find the surface area of a hemisphere. (round off to the nearest tenth)</p> <p>Answer: _____</p>	

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

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

### Answers

Find the surface area of a hemisphere with radius 5 cm.  Answer: $75\pi \text{ cm}^2$	
Diameter of a hemisphere = 6 m. Find the approximate surface area of a hemisphere rounded to two decimal places.  Answer: $84.82 \text{ m}^2$	
Radius of a solid hemisphere is 2.7 feet. Find the exact surface area of a solid hemisphere.  Answer: $21.87\pi \text{ ft}^2$	
Find the surface area of hemispherical bowl with closed lid whose radius is 4 inches.  Answer: $48\pi \text{ in}^2$	
Diameter = 3.2 yards. Find the surface area of a hemisphere. (round off to the nearest tenth)  Answer: $24.1 \text{ yd}^2$	