Name: _____   Date: _____

Surface Area of a Sphere

$$SA = 4\pi r^2$$

Find the surface area of a sphere with a radius of 5 cm.

A basketball has a diameter of 29.5 cm. What is its surface area?

A small plastic ball has a radius of 2.5 cm. What is its surface area?

Find the surface area of a sphere with a radius of 8 cm.

A marble has a diameter of 1.8 cm. What is its surface area?

A large beach ball has a circumference of 94.2 cm. What is its surface area?

Bonus challenge!