

20

The formula for finding the surface area of a sphere that has a radius r is shown in the box below.

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

A baseball has a diameter of 7.4 centimeters. Which of the following is closest to the surface area of the baseball?
(Use 3.14 for π .)

- A. 93 square centimeters
- B. 172 square centimeters
- C. 186 square centimeters
- D. 688 square centimeters