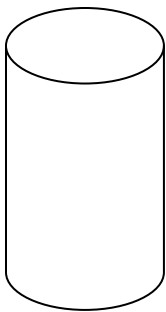
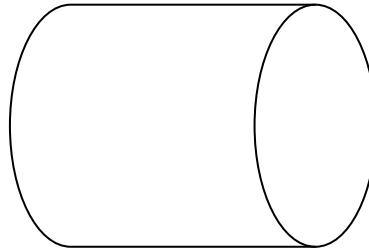
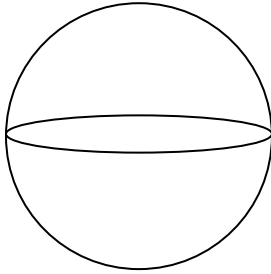


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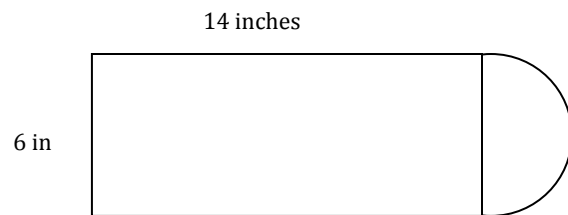
1. John ran 3 laps on a circular track with diameter 10 yards. Kate ran 4 laps on a square track with side length 7 yards. How far did each person run? Round to the nearest hundredth.
2. Find the area of the circle with DIAMETER 10 feet. Round to two decimal places and include units.
3. A bedroom has dimensions 12 feet by 15 feet. How many square YARDS of carpet will be needed to cover the floor?
4. Determine the volume of an aluminum can with base DIAMETER of 2.2 inches and height of 7.8 inches. Round your answer to the nearest tenth. Include units in your answer.



5. Which holds more water: A spherical tank with radius 5 feet or a cylindrical tank with base radius 5 feet and length 8 feet?



6. Find the area of the shape:
(Round to nearest tenth.)



7. What is the perimeter of the shape in #6? (Round to the nearest tenth.)
8. Which has greater area: A right triangle with hypotenuse 25 cm and leg 7 cm or a circle with radius of 5 cm? Show work.