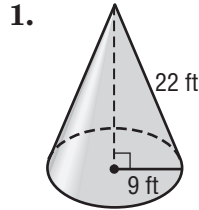


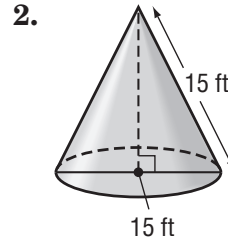
Lesson 5 Homework Practice

Surface Area of Cones

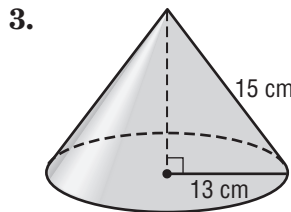
Find the lateral and total surface areas of each cone. Round to the nearest tenth if necessary.



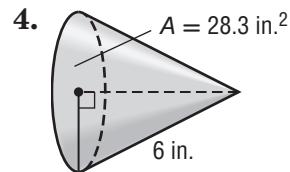
lateral: 621.7 ft²
total: 876.5 ft²



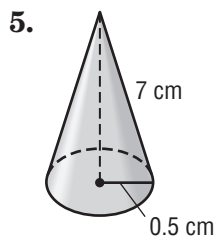
lateral: 353.4 ft²
total: 530.1 ft²



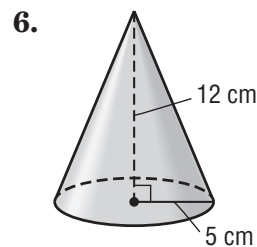
lateral: 612.3 cm²
total: 1,143.5 cm²



lateral: 56.5 in²
total: 84.8 in²



lateral: 11 cm²
total: 11.8 cm²



lateral: 204.2 cm²
total: 282.7 cm²

7. **ALGEBRA** A cone has a lateral surface area of 62.8 square yards. If the slant height is 2 yards, what is the total surface area of the cone? **377 yd²**