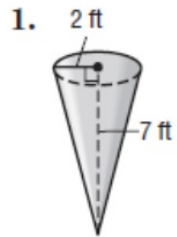


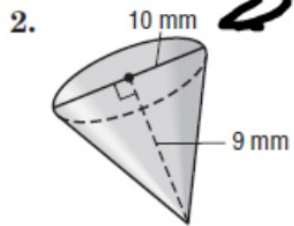
LESSON 2 SKILLS PRACTICE

Volume of Cones

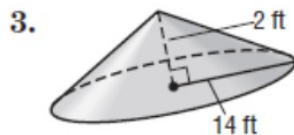
Find the volume of each cone. Round to the nearest tenth.



29.3 ft³



235.6 mm³



410.5 ft³

$$\frac{1}{3} \pi r$$

$$V = \frac{1}{3} \pi r^2 h$$

①

$$\frac{1}{3} (3.14) (2)^2 (7)$$

↖ r = 5

②

$$\frac{1}{3} (3.14) (5)^2 (9)$$

4 × 7 × 3.14 ÷ 3 = 29.306667

29.306667

Calculator

25 × 9 × 3.14 ÷ 3 = 235.5

235.5