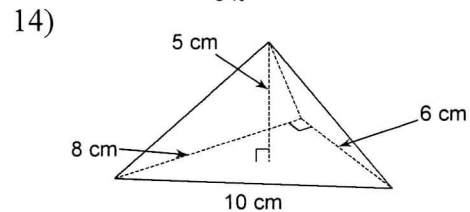
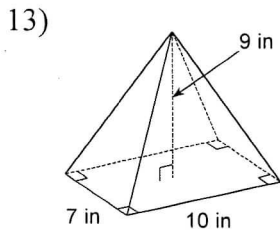
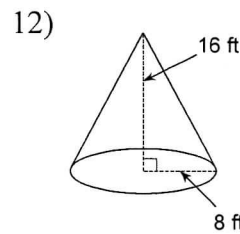
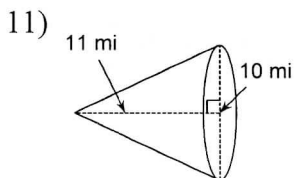
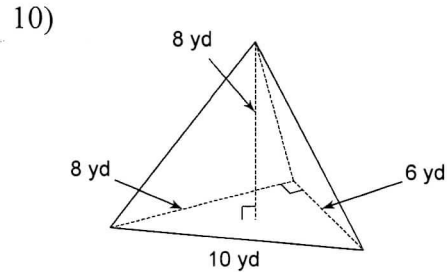
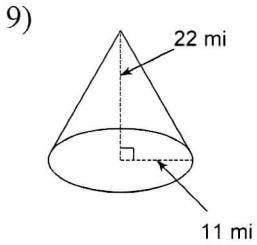
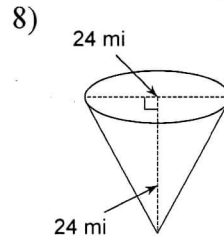
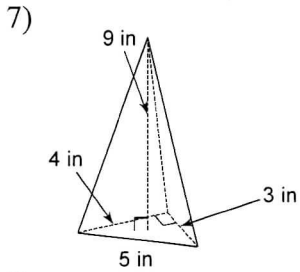
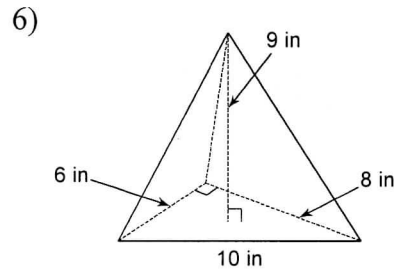
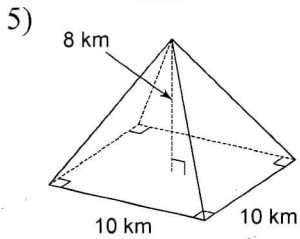
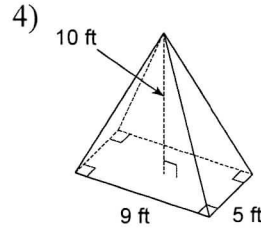
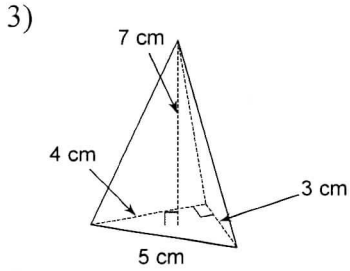
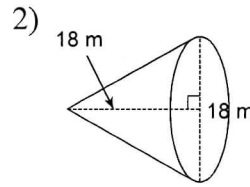
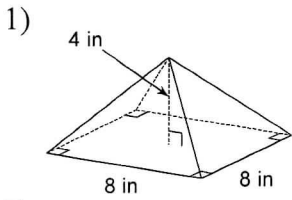


13-3 Volume of Pyramids & Cones (ver1)_hw

Find the volume of each figure. Round your answers to the nearest tenth, if necessary.



- 15) A square pyramid measuring 6 m along each edge of the base with a height of 8 m.
- 16) A cone with diameter 4 mi and a height of 10 mi.
- 17) A cone with radius 10 km and a height of 20 km.
- 18) A rectangular pyramid of height 5 ft measuring 9 ft and 10 ft along the base.
- 19) A cone with radius 1 yd and a height of 7 yd.
- 20) A square pyramid measuring 10 cm along each edge of the base with a height of 11 cm.
- 21) A rectangular pyramid of height 10 m measuring 8 m and 9 m along the base.
- 22) A cone with diameter 22 cm and a height of 22 cm.
- 23) A square pyramid measuring 9 yd along each edge of the base with a height of 5 yd.
- 24) A cone with diameter 10 cm and a height of 12 cm.
- 25) A cone with diameter 8 yd and a height of 9 yd.
- 26) A square pyramid measuring 3 in along each edge of the base with a height of 3 in.
- 27) A pyramid 5 cm tall with a right triangle for a base with side lengths 3 cm, 4 cm, and 5 cm.
- 28) A pyramid 7 mi tall with a right triangle for a base with side lengths 6 mi, 8 mi, and 10 mi.

- 1) 85.3 in^3
 2) 1526.8 m^3
 3) 14 cm^3
 4) 150 ft^3
 5) 266.7 km^3
 6) 72 in^3
 7) 18 m^3
 8) 3619.1 mm^3
 9) 2787.6 m^3
 10) 64 yd^3
 11) 288 m^3
 12) 1072.3 ft^3
 13) 210 in^3
 14) 40 cm^3
 15) 96 m^3
 16) 41.9 m^3
 17) 2094.4 km^3
 18) 150 ft^3
 19) 7.3 yd^3
 20) 366.7 cm^3
 21) 240 m^3
 22) 2787.6 cm^3
 23) 135 yd^3
 24) 314.2 cm^3
 25) 150.8 yd^3
 26) 9 m^3
 27) 10 cm^3
 28) 56 m^3