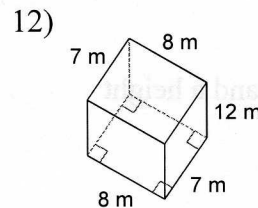
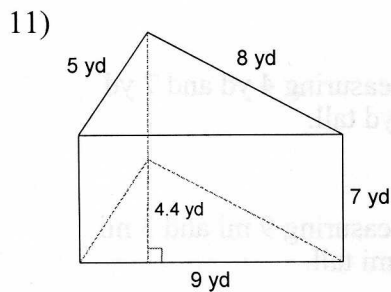
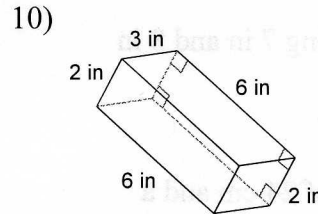
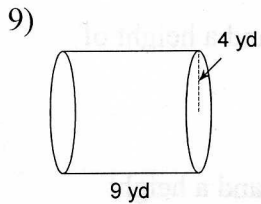
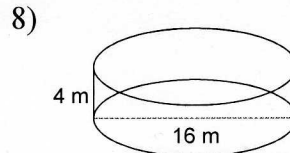
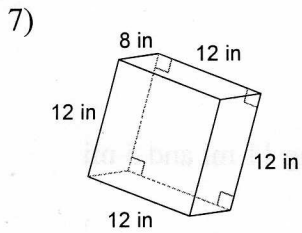
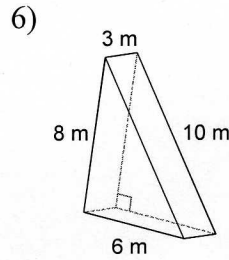
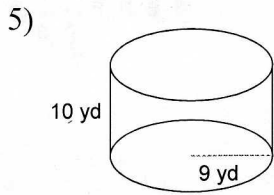
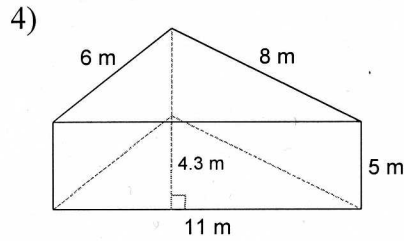
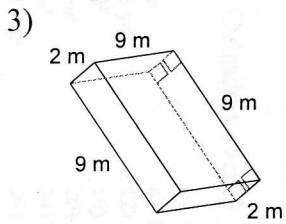
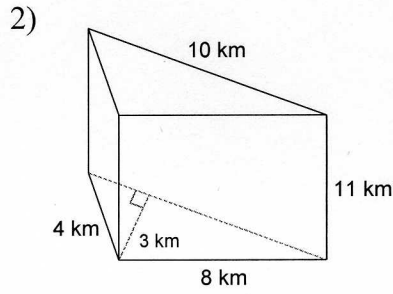
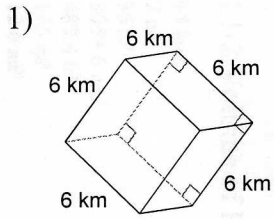
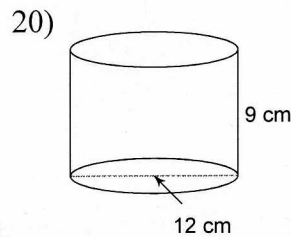
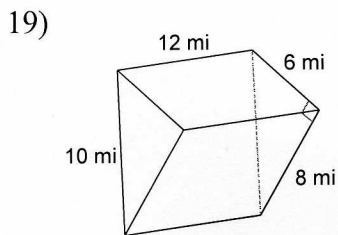
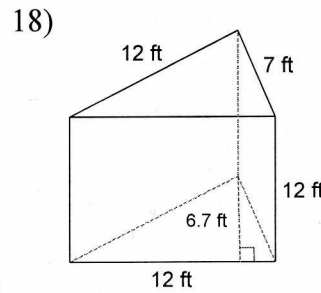
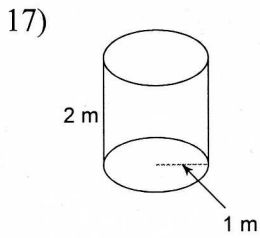
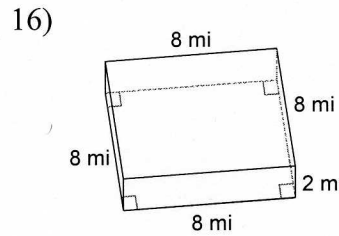
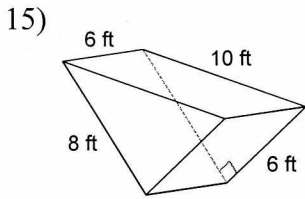
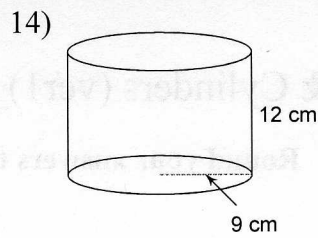
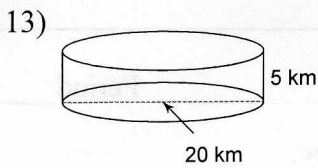


13-2 Volume of Prisms & Cylinders (ver1)_hw

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





Answers to 13-2 Volume of Prisms & Cylinders (ver1)_hw

21) A square prism measuring 5 km along each edge of the base and 2 km tall.

22) A rectangular prism measuring 11 mi and 5 mi along the base and 3 mi tall.

23) A rectangular prism measuring 7 in and 8 in along the base and 4 in tall.

24) A cylinder with a radius of 8 m and a height of 6 m.

25) A cylinder with a diameter of 24 cm and a height of 7 cm.

26) A cylinder with a radius of 1 mi and a height of 4 mi.

27) A cylinder with a radius of 4 cm and a height of 8 cm.

28) A rectangular prism measuring 4 yd and 7 yd along the base and 12 yd tall.

29) A square prism measuring 6 in along each edge of the base and 9 in tall.

30) A rectangular prism measuring 9 mi and 3 mi along the base and 10 mi tall.

- 1) 216 km³
- 2) 165 km³
- 3) 162 m³
- 4) 118.3 m³
- 5) 2544.7 yd³
- 6) 72 m³
- 7) 1152 in³
- 8) 804.2 m³
- 9) 452.4 yd³
- 10) 36 in³
- 11) 138.6 yd³
- 12) 672 m³
- 13) 1570.8 km³
- 14) 3053.6 cm³
- 15) 144 ft³
- 16) 128 m³
- 17) 6.3 m³
- 18) 482.4 ft³
- 19) 288 m³
- 20) 1017.9 cm³
- 21) 50 km³
- 22) 165 m³
- 23) 224 in³
- 24) 1206.4 m³
- 25) 3166.7 cm³
- 26) 12.6 m³
- 27) 402.1 cm³
- 28) 336 yd³
- 29) 324 in³
- 30) 270 m³