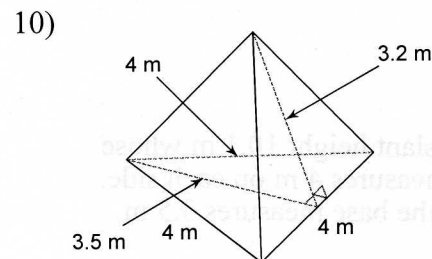
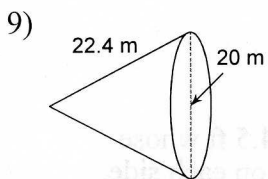
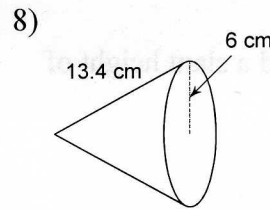
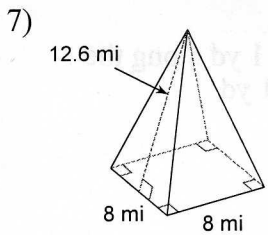
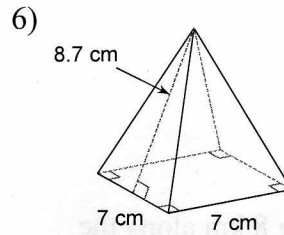
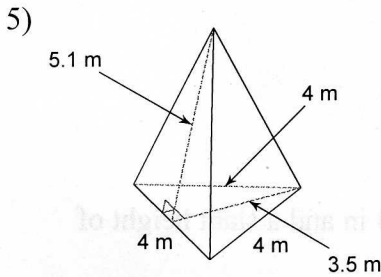
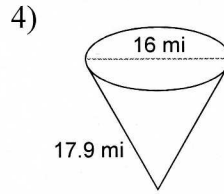
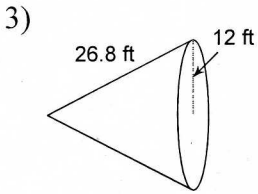
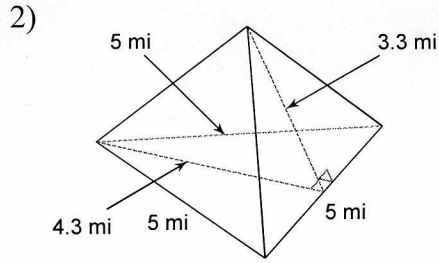
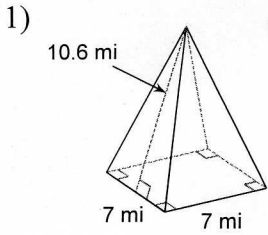
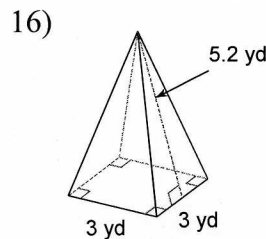
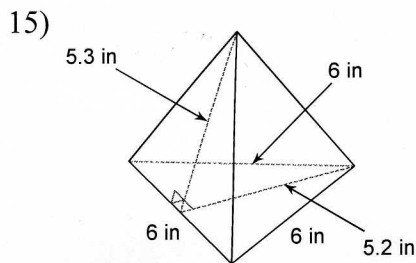
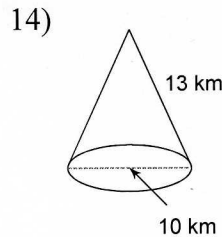
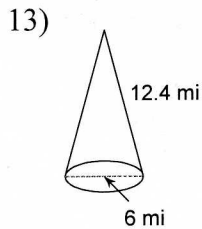
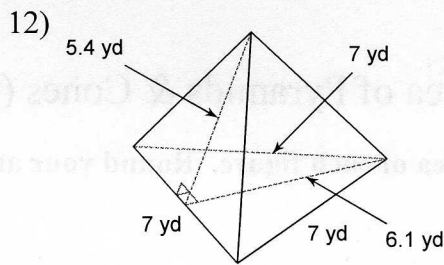
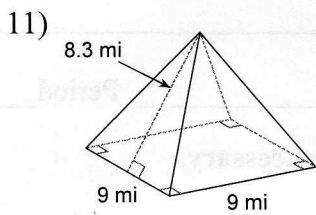


13-5 Surface area of Pyramids & Cones (ver1)_hw

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





17) A square pyramid measuring 8 km along the base with a slant height of 9.8 km.

18) A cone with radius 4 in and a slant height of 12.6 in.

19) A cone with diameter 8 m and a slant height of 9.8 m.

20) A square pyramid measuring 1 yd along the base with a slant height of 2.1 yd.

21) A cone with radius 10 mi and a slant height of 22.4 mi.

22) A cone with diameter 8 km and a slant height of 10.8 km.

23) A pyramid with slant height 10.1 m whose triangular base measures 4 m on each side. Each altitude of the base measures 3.5 m.

24) A pyramid with slant height 4.5 ft whose triangular base measures 7 ft on each side. Each altitude of the base measures 6.1 ft.

Answers to 13-5 Surface area of Pyramids & Cones (ver1)_hw

- | | | | |
|---------------------------|---------------------------|---------------------------|--------------------------|
| 1) 197.4 m ² | 2) 35.5 m ² | 3) 1462.7 ft ² | 4) 650.9 m ² |
| 5) 37.6 m ² | 6) 170.8 cm ² | 7) 265.6 m ² | 8) 365.7 cm ² |
| 9) 1017.9 m ² | 10) 26.2 m ² | 11) 230.4 m ² | 12) 78.1 yd ² |
| 13) 145.1 m ² | 14) 282.7 km ² | 15) 63.3 in ² | 16) 40.2 yd ² |
| 17) 220.8 km ² | 18) 208.6 in ² | 19) 173.4 m ² | 20) 5.2 yd ² |
| 21) 1017.9 m ² | 22) 186 km ² | 23) 67.6 m ² | 24) 68.6 ft ² |