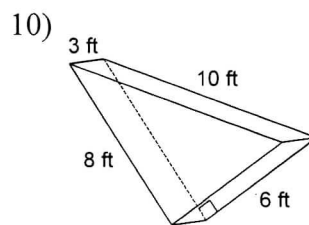
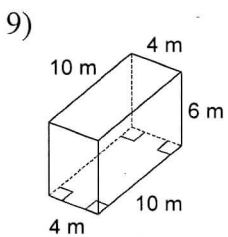
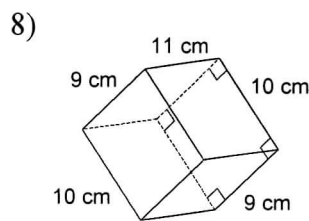
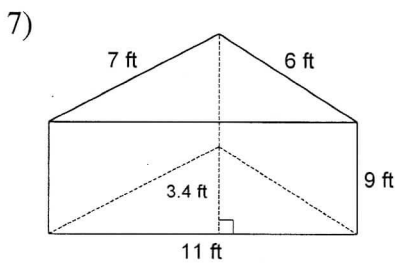
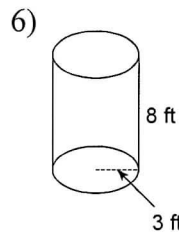
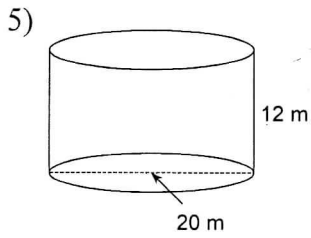
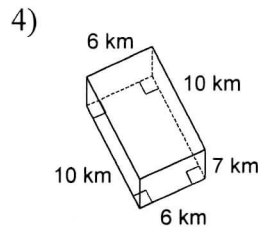
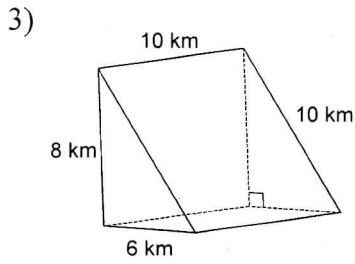
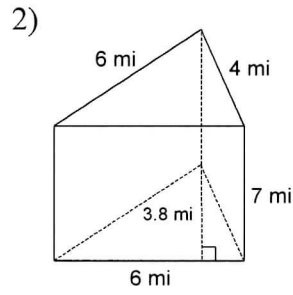
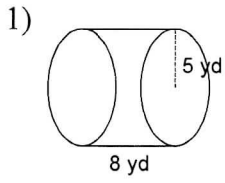
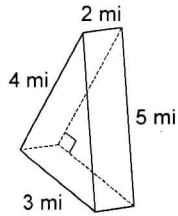


13-4 Surface Area of Prisms & Cylinders (ver1)_hw

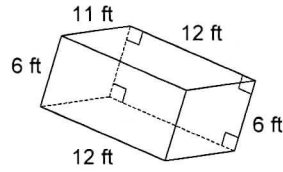
Find the surface area of each figure. Round your answers to the nearest tenth, if necessary.



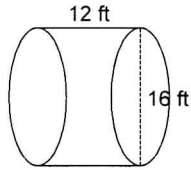
11)



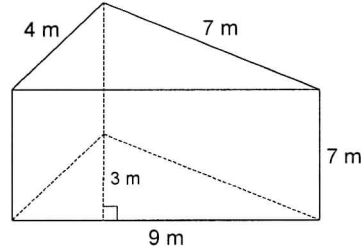
12)



13)



14)



15) A prism 4 yd tall with a right triangle for a base with side lengths 3 yd, 4 yd, and 5 yd.

16) A prism 7 ft tall with a right triangle for a base with side lengths 6 ft, 8 ft, and 10 ft.

17) A cylinder with a diameter of 6 yd and a height of 11 yd.

18) A rectangular prism measuring 7 mi and 4 mi along the base and 2 mi tall.

19) A square prism measuring 4 m along each edge of the base and 11 m tall.

20) A cylinder with a radius of 5 in and a height of 5 in.

21) A rectangular prism measuring 4 in and 6 in along the base and 9 in tall.

22) A square prism measuring 3 mi along each edge of the base and 6 mi tall.

23) A cylinder with a radius of 3 mi and a height of 7 mi.

24) A cylinder with a diameter of 24 mi and a height of 8 mi.

25) A square prism measuring 3 cm along each edge of the base and 9 cm tall.

26) A rectangular prism measuring 12 ft and 2 ft along the base and 5 ft tall.

27) A cylinder with a diameter of 22 km and a height of 8 km.

28) A cylinder with a radius of 10 yd and a height of 12 yd.

Answers to 13-4 Surface Area of Prisms & Cylinders (ver1)_hw

1) 408.4 yd ²	2) 134.8 m ²	3) 288 km ²	4) 344 km ²
5) 1382.3 m ²	6) 207.3 ft ²	7) 253.4 ft ²	8) 598 cm ²
9) 248 m ²	10) 120 ft ²	11) 36 m ²	12) 540 ft ²
13) 1005.3 ft ²	14) 167 m ²	15) 60 yd ²	16) 216 ft ²
17) 263.9 yd ²	18) 100 m ²	19) 208 m ²	20) 314.2 in ²
21) 228 in ²	22) 90 m ²	23) 188.5 m ²	24) 1508 m ²
25) 126 cm ²	26) 188 ft ²	27) 1313.2 km ²	28) 1382.3 yd ²