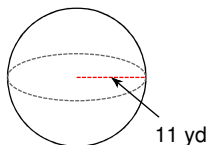


3D shapes #2

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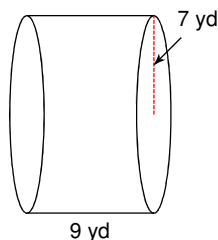
Find the lateral area and surface area of each figure. Round your answers to the nearest hundredth, if necessary.

1)



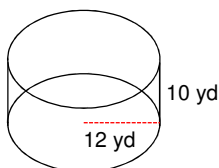
- A) None; 1249.44 yd²
 B) None; 2039.42 yd²
 C) None; 1520.53 yd²
 D) None; 2100.16 yd²

2)



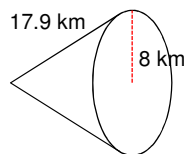
- A) 395.84 yd²; 703.72 yd²
 B) 527.3 yd²; 703.72 yd²
 C) 395.84 yd²; 307.88 yd²
 D) 527.3 yd²; 807.14 yd²

3)



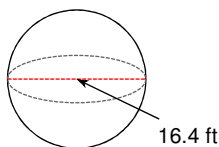
- A) 1121.92 yd²; 2326.34 yd²
 B) 753.98 yd²; 904.78 yd²
 C) 386.01 yd²; 2037.85 yd²
 D) 753.98 yd²; 1658.76 yd²

4)



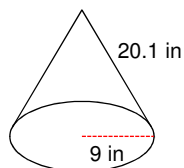
- A) 449.88 km²; 650.94 km²
 B) 449.88 km²; 201.06 km²
 C) 411.14 km²; 449.88 km²
 D) 411.14 km²; 436.58 km²

5)

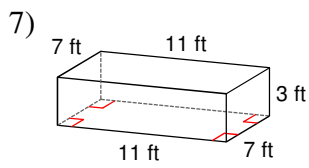


- A) None; 1164.31 ft²
 B) None; 1131.02 ft²
 C) None; 3379.85 ft²
 D) None; 844.96 ft²

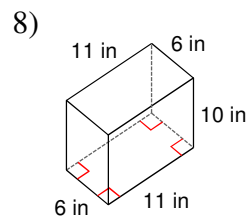
6)



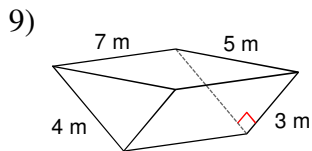
- A) 568.31 in²; 254.47 in²
 B) 568.31 in²; 822.78 in²
 C) 602.98 in²; 675.89 in²
 D) 534.12 in²; 822.78 in²



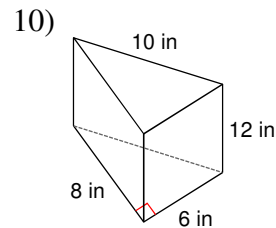
- A) 108 ft^2 ; 262 ft^2
- B) 108 ft^2 ; 185 ft^2
- C) 108 ft^2 ; 186 ft^2
- D) 108 ft^2 ; 154 ft^2



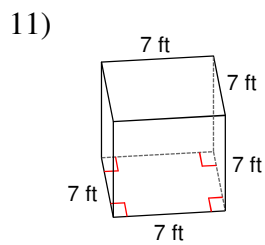
- A) 340 in^2 ; 472 in^2
- B) 340 in^2 ; 132 in^2
- C) 340 in^2 ; 358 in^2
- D) 340 in^2 ; 406 in^2



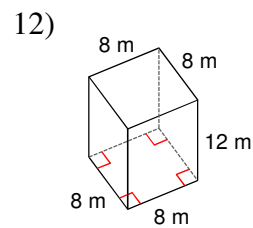
- A) 84 m^2 ; 12 m^2
- B) 84 m^2 ; 96 m^2
- C) 84 m^2 ; 90 m^2
- D) 99 m^2 ; 142 m^2



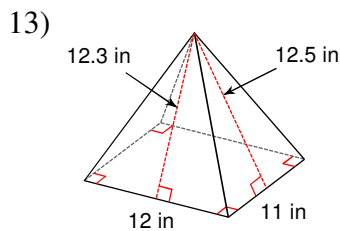
- A) 288 in^2 ; 336 in^2
- B) 288 in^2 ; 48 in^2
- C) 193 in^2 ; 336 in^2
- D) 288 in^2 ; 312 in^2



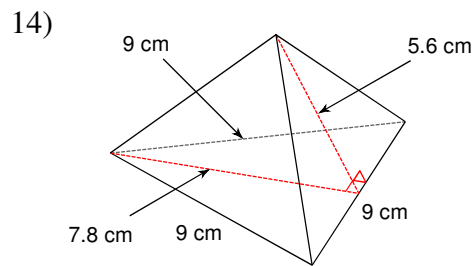
- A) 196 ft^2 ; 98 ft^2
- B) 196 ft^2 ; 245 ft^2
- C) 151 ft^2 ; 234 ft^2
- D) 196 ft^2 ; 294 ft^2



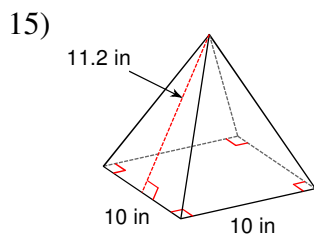
- A) 310 m^2 ; 512 m^2
- B) 384 m^2 ; 128 m^2
- C) 384 m^2 ; 512 m^2
- D) 384 m^2 ; 448 m^2



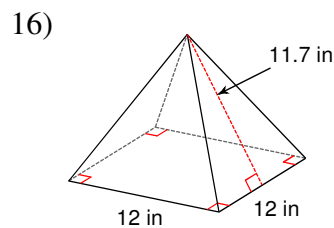
- A) 285.1 in^2 ; 132 in^2
- B) 253.8 in^2 ; 410.2 in^2
- C) 285.1 in^2 ; 417.1 in^2
- D) 285.1 in^2 ; 452.9 in^2



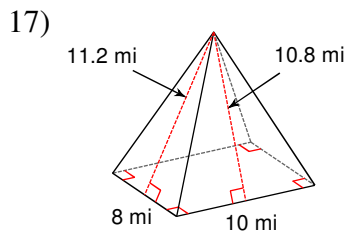
- A) 75.6 cm^2 ; 121.9 cm^2
- B) 73 cm^2 ; 121.9 cm^2
- C) 75.6 cm^2 ; 110.7 cm^2
- D) 75.6 cm^2 ; 35.1 cm^2



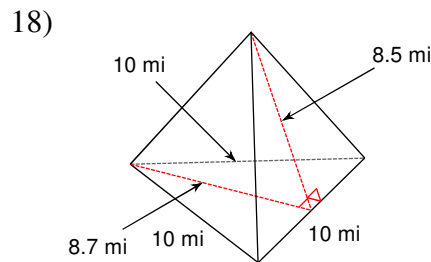
- A) 224 in^2 ; 324 in^2
- B) 224 in^2 ; 100 in^2
- C) 121 in^2 ; 249 in^2
- D) 224 in^2 ; 249 in^2



- A) 280.8 in^2 ; 424.8 in^2
- B) 280.8 in^2 ; 144 in^2
- C) 177.8 in^2 ; 262.4 in^2
- D) 261.1 in^2 ; 262.4 in^2



- A) 197.6 mi^2 ; 80 mi^2
- B) 130.8 mi^2 ; 341.3 mi^2
- C) 130.8 mi^2 ; 233.7 mi^2
- D) 197.6 mi^2 ; 277.6 mi^2



- A) 151.1 mi^2 ; 168 mi^2
- B) 127.5 mi^2 ; 43.5 mi^2
- C) 127.5 mi^2 ; 171 mi^2
- D) 127.5 mi^2 ; 168 mi^2