

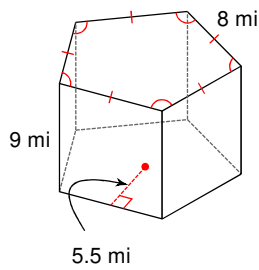
surface area and lateral area

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Date _____ Period _____

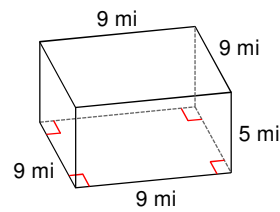
Find the lateral area and surface area of each figure. Round your answers to the nearest hundredth, if necessary.

1)



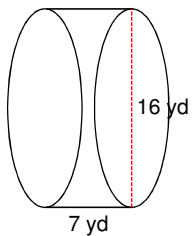
- A) 360 mi^2 ; 580 mi^2
 B) 360 mi^2 ; 470 mi^2
 C) 360 mi^2 ; 220 mi^2
 D) 360 mi^2 ; 382 mi^2

2)



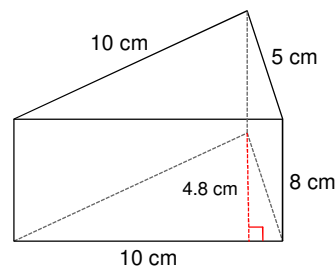
- A) 190 mi^2 ; 235 mi^2
 B) 180 mi^2 ; 162 mi^2
 C) 180 mi^2 ; 261 mi^2
 D) 180 mi^2 ; 342 mi^2

3)



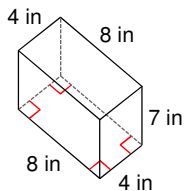
- A) 351.86 yd^2 ; 753.98 yd^2
 B) 703.72 yd^2 ; 2312.21 yd^2
 C) 351.86 yd^2 ; 402.12 yd^2
 D) 389.87 yd^2 ; 753.98 yd^2

4)



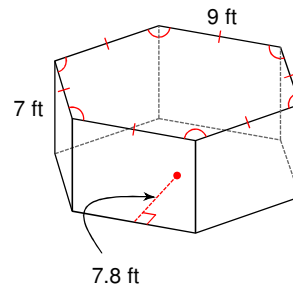
- A) 200 cm^2 ; 248 cm^2
 B) 234 cm^2 ; 248 cm^2
 C) 200 cm^2 ; 224 cm^2
 D) 200 cm^2 ; 48 cm^2

5)



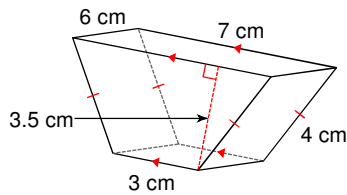
- A) 168 in^2 ; 232 in^2
 B) 168 in^2 ; 200 in^2
 C) 168 in^2 ; 288 in^2
 D) 168 in^2 ; 64 in^2

6)



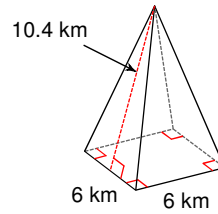
- A) 378 ft^2 ; 421.2 ft^2
 B) 378 ft^2 ; 413.1 ft^2
 C) 378 ft^2 ; 588.6 ft^2
 D) 378 ft^2 ; 799.2 ft^2

7)



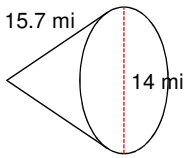
- A) 140 cm^2 ; 143 cm^2
 B) 108 cm^2 ; 143 cm^2
 C) 108 cm^2 ; 35 cm^2
 D) 108 cm^2 ; 125.5 cm^2

8)



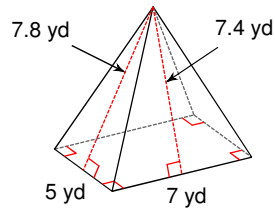
- A) 124.8 km^2 ; 36 km^2
 B) 124.8 km^2 ; 160.8 km^2
 C) 122.1 km^2 ; 215.5 km^2
 D) 144.2 km^2 ; 215.5 km^2

9)



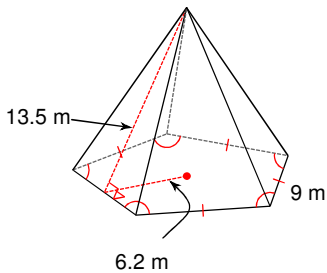
- A) 345.26 mi^2 ; 153.94 mi^2
 B) 345.26 mi^2 ; 499.2 mi^2
 C) 690.52 mi^2 ; 1306.27 mi^2
 D) 222.35 mi^2 ; 499.2 mi^2

10)



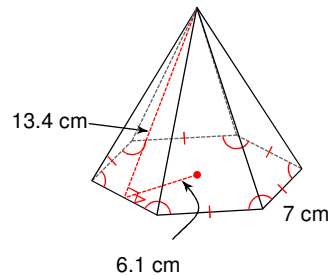
- A) 90.8 yd^2 ; 35 yd^2
 B) 83.6 yd^2 ; 169.6 yd^2
 C) 83.6 yd^2 ; 118.4 yd^2
 D) 90.8 yd^2 ; 125.8 yd^2

11)



- A) 303.75 m^2 ; 139.5 m^2
 B) 303.75 m^2 ; 331.65 m^2
 C) 303.75 m^2 ; 427.92 m^2
 D) 303.75 m^2 ; 443.25 m^2

12)



- A) 281.4 cm^2 ; 409.5 cm^2
 B) 234.4 cm^2 ; 281.4 cm^2
 C) 281.4 cm^2 ; 128.1 cm^2
 D) 281.4 cm^2 ; 302.75 cm^2