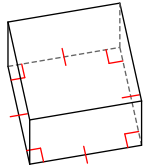


SA and Volume Test Review

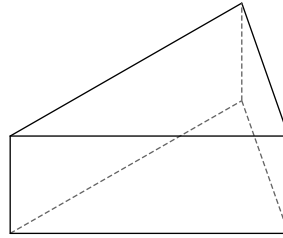
Name each figure.

1)



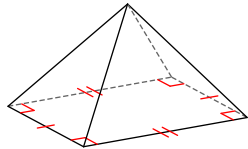
- A) triangular prism
- B) rectangular prism
- C) pentagonal prism
- D) square prism

2)



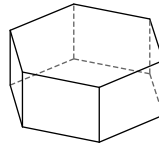
- A) cylinder
- B) triangular prism
- C) rectangular prism
- D) pentagonal pyramid

3)



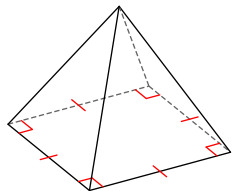
- A) square pyramid
- B) pentagonal prism
- C) rectangular pyramid
- D) cylinder

4)



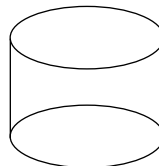
- A) rectangular prism
- B) cylinder
- C) pentagonal prism
- D) hexagonal prism

5)



- A) square pyramid
- B) triangular pyramid
- C) triangular prism
- D) rectangular pyramid

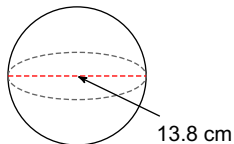
6)



- A) triangular prism
- B) pentagonal prism
- C) sphere
- D) cylinder

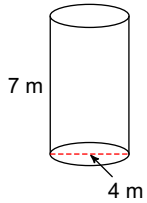
Find the surface area of each figure. Round your answers to the nearest hundredth, if necessary.

7)



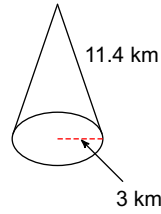
- A) 419.4 cm^2
- B) 598.28 cm^2
- C) 2393.14 cm^2
- D) 351.52 cm^2

8)



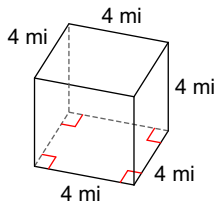
- A) 276.46 m^2 B) 137.05 m^2
 C) 113.1 m^2 D) 65.81 m^2

9)



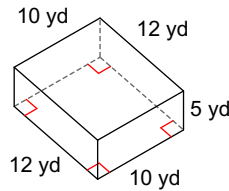
- A) 146.21 km^2 B) 157.99 km^2
 C) 81.32 km^2 D) 135.72 km^2

10)



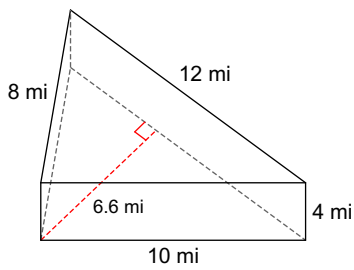
- A) 96 mi^2 B) 74 mi^2
 C) 54 mi^2 D) 80 mi^2

11)



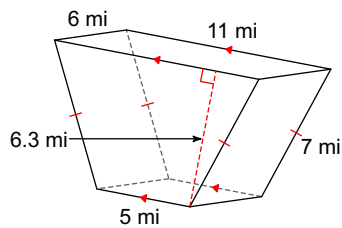
- A) 429 yd^2 B) 356 yd^2
 C) 460 yd^2 D) 340 yd^2

12)



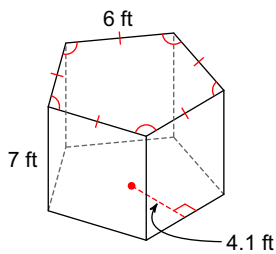
- A) 196 mi^2 B) 159.6 mi^2
 C) 176 mi^2 D) 199.2 mi^2

13)



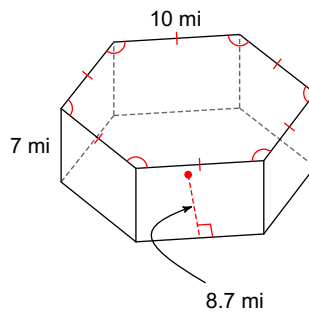
- A) 230.4 mi^2 B) 307.7 mi^2
 C) 280.8 mi^2 D) 221.2 mi^2

14)

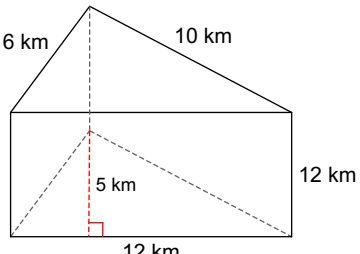


- A) 222.3 ft^2 B) 333 ft^2
 C) 271.5 ft^2 D) 230 ft^2

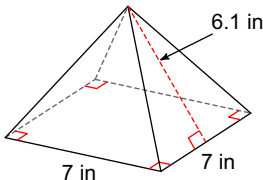
15)



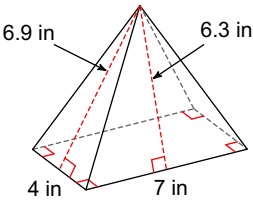
- A) 942 mi^2 B) 681 mi^2
 C) 507 mi^2 D) 1005 mi^2

- 16) 

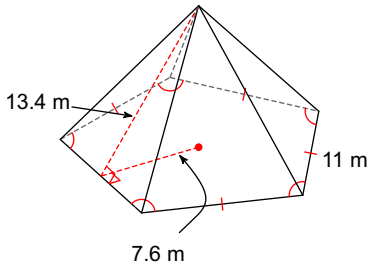
 A) 253 km^2 B) 366 km^2
 C) 230 km^2 D) 396 km^2

- 17) 

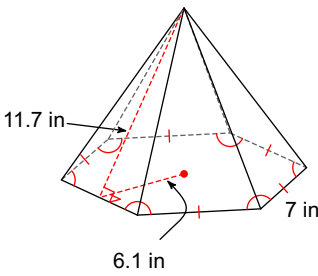
 A) 189.1 in^2 B) 146 in^2
 C) 99.3 in^2 D) 134.4 in^2

- 18) 

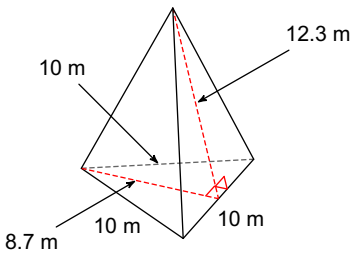
 A) 89.7 in^2 B) 92.8 in^2
 C) 68.9 in^2 D) 99.7 in^2

- 19) 

 A) 410.3 m^2 B) 852.9 m^2
 C) 577.5 m^2 D) 359.4 m^2

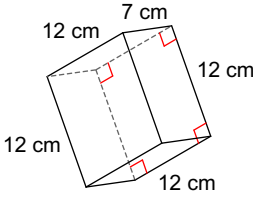
- 20) 

 A) 373.8 in^2 B) 377 in^2
 C) 267.05 in^2 D) 362.9 in^2

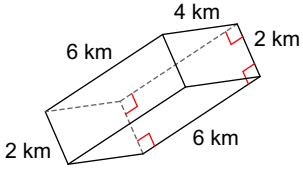
- 21) 

 A) 228 m^2 B) 336 m^2
 C) 200 m^2 D) 161 m^2

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

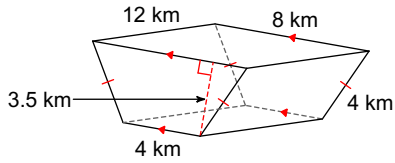
- 22) 

 A) 1008 cm^3 B) 822 cm^3
 C) 801 cm^3 D) 525 cm^3

- 23) 

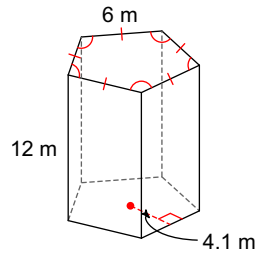
 A) 42 km^3 B) 48 km^3
 C) 30 km^3 D) 63 km^3

24)



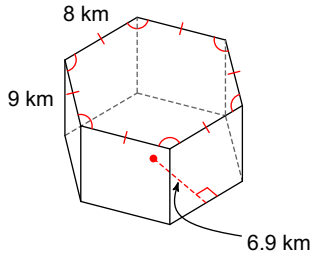
- A) 252 km^3 B) 371 km^3
 C) 226 km^3 D) 350 km^3

25)



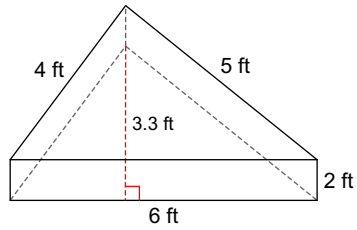
- A) 712 m^3 B) 738 m^3
 C) 147.6 m^3 D) 623 m^3

26)



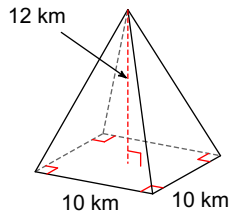
- A) 1031.2 km^3 B) 248.4 km^3
 C) 1490.4 km^3 D) 1018.9 km^3

27)



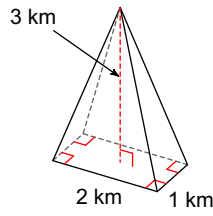
- A) 17.4 ft^3 B) 19.8 ft^3
 C) 22.2 ft^3 D) 12 ft^3

28)



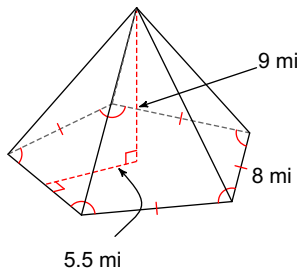
- A) 205 km^3 B) 1200 km^3
 C) 411 km^3 D) 400 km^3

29)



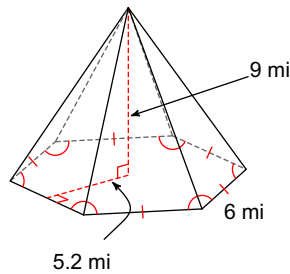
- A) 10 km^3 B) 4 km^3
 C) 2 km^3 D) 6 km^3

30)



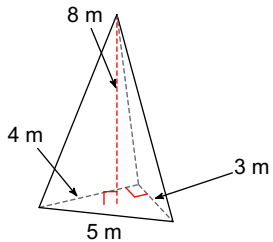
- A) 330 mi^3 B) 457 mi^3
 C) 66 mi^3 D) 990 mi^3

31)



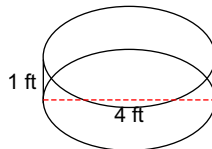
- A) 280.8 mi^3 B) 842.4 mi^3
 C) 46.8 mi^3 D) 388.6 mi^3

32)



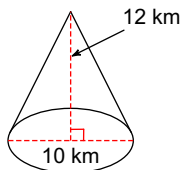
- A) 13 m^3
- B) 48 m^3
- C) 16 m^3
- D) 22 m^3

33)



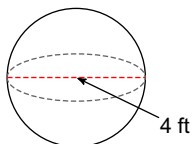
- A) 12.57 ft^3
- B) 5.89 ft^3
- C) 19.42 ft^3
- D) 50.27 ft^3

34)



- A) 1256.64 km^3
- B) 194.95 km^3
- C) 314.16 km^3
- D) 223.75 km^3

35)



- A) 33.51 ft^3
- B) 40.96 ft^3
- C) 18.1 ft^3
- D) 268.08 ft^3

Answers to SA and Volume Test Review (ID: 1)

- | | | | |
|-------|-------|-------|-------|
| 1) D | 2) B | 3) C | 4) D |
| 5) A | 6) D | 7) B | 8) C |
| 9) D | 10) A | 11) C | 12) D |
| 13) C | 14) B | 15) A | 16) D |
| 17) D | 18) D | 19) C | 20) A |
| 21) A | 22) A | 23) B | 24) A |
| 25) B | 26) C | 27) B | 28) D |
| 29) C | 30) A | 31) A | 32) C |
| 33) A | 34) C | 35) A | |