Volume of Pyramids and Cones

Name:

#1

What is the volume? Use $\pi=3.14$, and round your answer to the nearest hundredth.

8 cm

6 cm

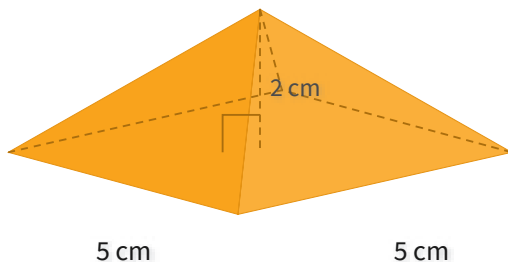$\boxed{}$ cm^3

Show your work

#2

What is the volume? Round your answer to the nearest hundredth.

4 mm

5 mm

2 mm
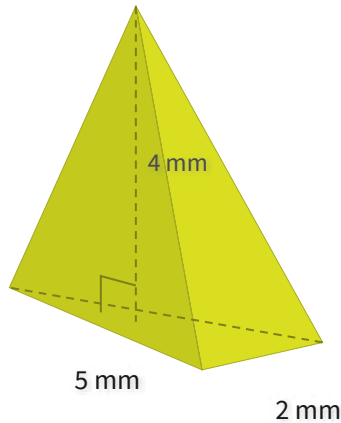
$\boxed{}$ mm^3

Show your work

#3

What is the volume? Round your answer to the nearest hundredth.
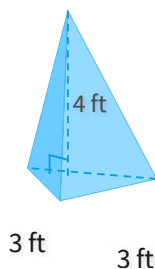
2 cm

5 cm   5 cm

○ 16.67 cm^3 ○ 20.83 cm^3

○ 19.72 cm^3 ○ 14.28 cm^3

Show your work

#4

What is the volume? Round your answer to the nearest hundredth.

4 ft

3 ft   3 ft

- ○ 6 ft^3
- ○ 7 ft^3
- ○ 3 ft^3
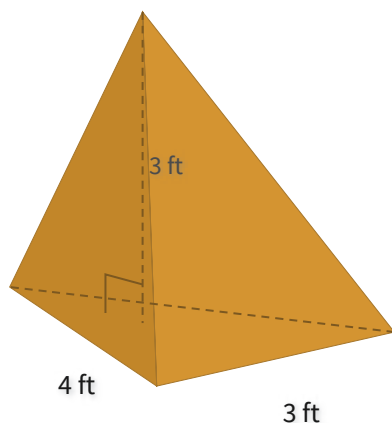- ○ 9 ft^3

Show your work

#5

What is the volume? Round your answer to the nearest hundredth.

3 ft

4 ft

3 ft

[   ] ft^3

Show your work

#6

What is the volume? Round your answer to the nearest hundredth.

1 km

2 km   4 km
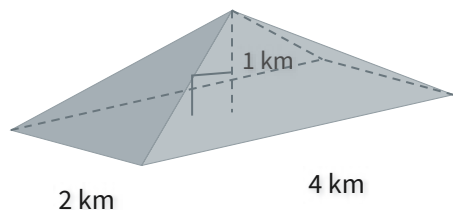
[   ] km^3

Show your work

#7

What is the volume? Round your answer to the nearest hundredth.
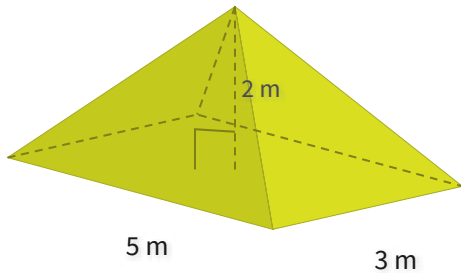
2 m

5 m

3 m

☐ m³

Show your work

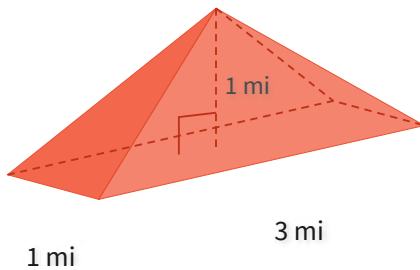**#8**

What is the volume? Use $\pi = 3.14$, and round your answer to the nearest hundredth.

8 in

4 in

○ 26.78 in³   ○ 26.57 in³

○ 29.13 in³   ○ 33.49 in³

Show your work

#9

What is the volume? Round your answer to the nearest hundredth.
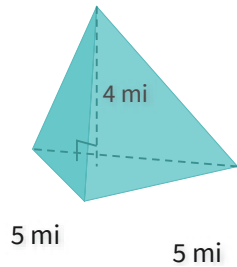
1 mi

3 mi

1 mi

○ 0 mi³   ○ 1 mi³

○ 4 mi³   ○ 3 mi³

Show your work

#10

What is the volume? Round your answer to the nearest hundredth.

4 mi

5 mi   5 mi

○ 16.67 mi^3 ○ 18.81 mi^3

○ 17.55 mi^3 ○ 19.93 mi^3 Show your work

#11

What is the volume? Round your answer to the nearest hundredth.

2 ft

2 ft   4 ft
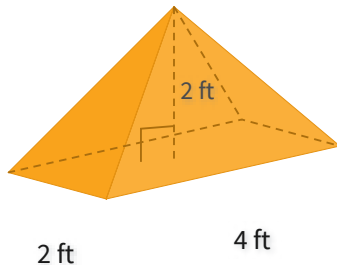
○ 5.41 ft^3 ○ 5.33 ft^3

○ 5.21 ft^3 ○ 6.23 ft^3 Show your work

#12

What is the volume? Round your answer to the nearest hundredth.

1 ft

4 ft   2 ft
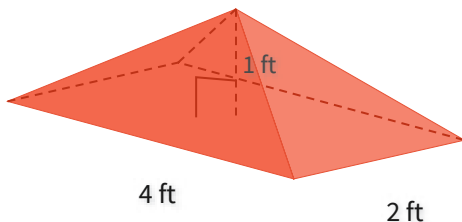
[ ] ft^3

Show your work

Question	Answer
#1	75.36
#2	6.67
#3	choice 1
#4	choice 1
#5	6
#6	2.67
#7	10
#8	choice 4
#9	choice 2
#10	choice 1
#11	choice 2
#12	2.67