QUIZIZZ

NAME :

CLASS :

DATE :

Homework 6.2 due Mon 2/15 *4 Problems Require Work*
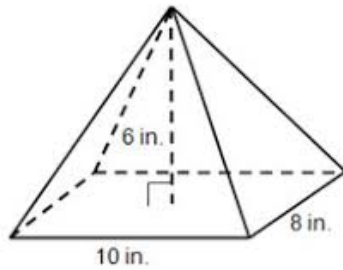
8 Questions

1.

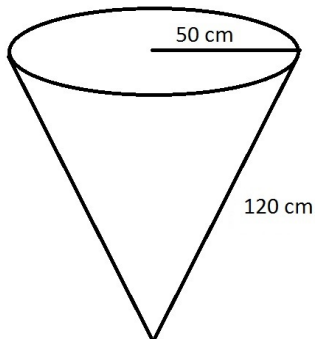WORK REQUIREDFind the Volume

a) 480 in^3

b) 160 in^3

c) 24 cubic inches

d) 120 cubic inches

2.

Assume the height is 120 cm, find the volume. Use 3.14 for π and round to the nearest whole number.
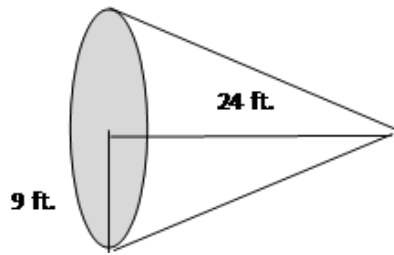
a) 300000 cubic cm

b) 314000 cubic cm

c) 942000 cubic cm

d) 6000 cubic cm

3.

24 ft.
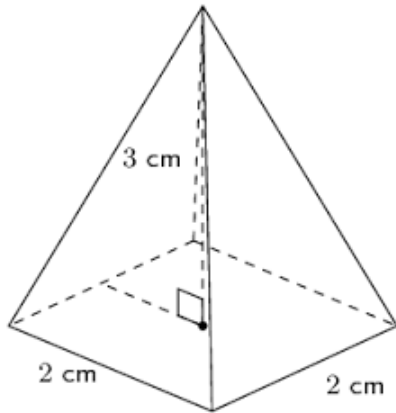
9 ft.

Find the volume, leave π in your answer, and disregard units

- [ ] a) $1944\,\pi$
- [ ] b) $648\,\pi$
- [ ] c) $2{,}036\,\pi$

4.

3 cm

2 cm

2 cm

Find the volume of the square pyramid

- [ ] a) $12\ cm^3$
- [ ] b) $12\ cm^2$
- [ ] c) $4\ cm^3$

5.

Find the volume.

11 yd

5 yd

6 yd
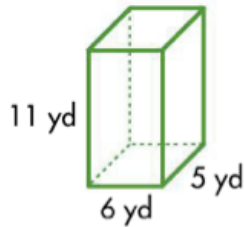
WORK REQUIRED

- [ ] a) 55 cubic yards
- [ ] b) 22 cubic yards
- [ ] c) 121 cubic yards
- [ ] d) 330 cubic yards

6.

12 m

10 m

WORK REQUIRED

If the diameter is 12, find the volume and leave your answer in terms of π
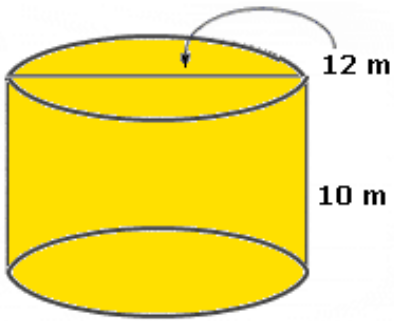
- [ ] a) $120\,\pi$
- [ ] b) $360\,\pi$
- [ ] c) $1440\,\pi$
- [ ] d) $1130\,\pi$

7.

Find the volume.

15 mm

Given that the image is a cube and all choices are cubic mm

- [ ] a) 45
- [ ] b) 3375
- [ ] c) 225
- [ ] d) 15

8.

2.7 in.

3.5 in.

11 in

8.5 in

B

A
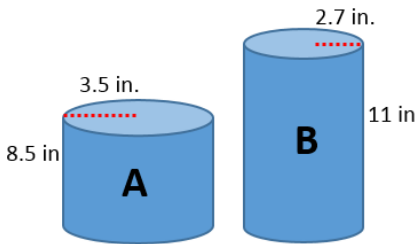

Determine the volume of each cylinder and choose the statement that is correct

- [ ] a) Volume A is greater than Volume B
- [ ] b) Volume A is equal to Volume B
- [ ] c) Volume A is less than Volume B