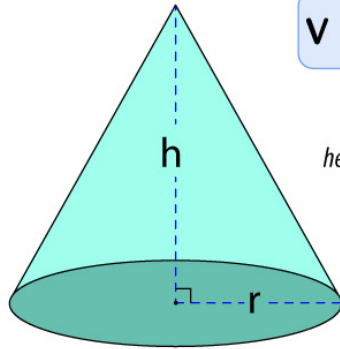


Name: _____

Date: _____

VOLUME OF CONES

The volume of a cone of radius r and height h is given by



$$V = \frac{1}{3} \pi r^2 h$$

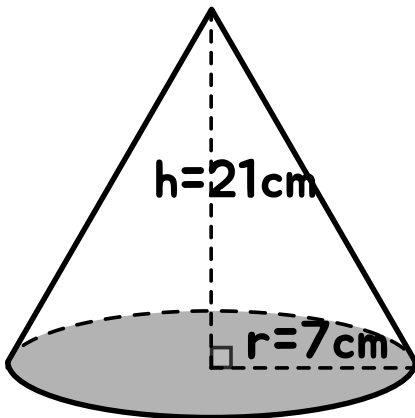
here, $\pi = \frac{22}{7} = 3.141$

r = radius

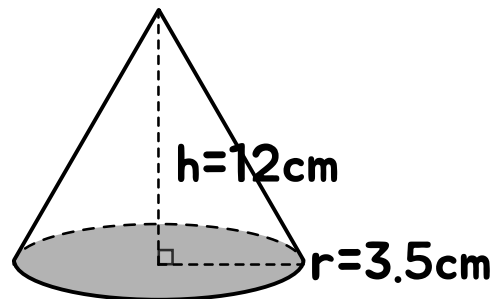
h = height

Direction: Find the volume of the following cones.

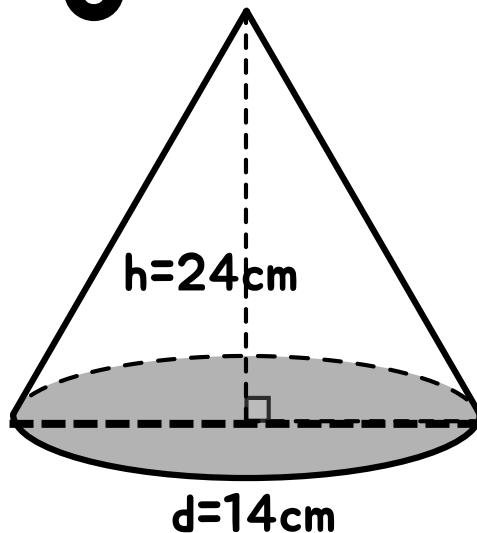
1



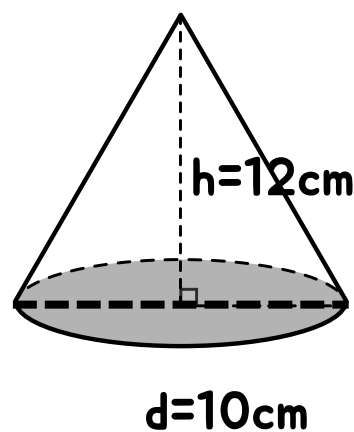
2



3



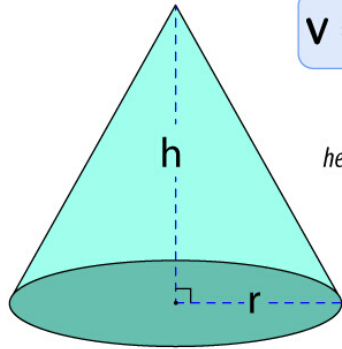
4



Answer key

VOLUME OF CONES

The volume of a cone of radius r and height h is given by



$$V = \frac{1}{3} \pi r^2 h$$

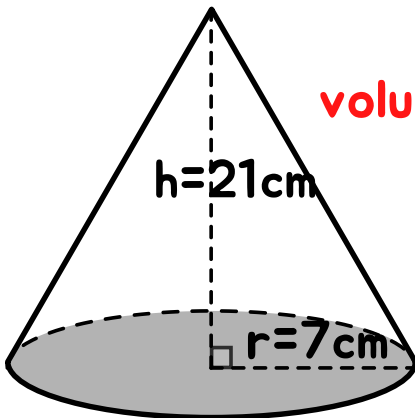
here, $\pi = \frac{22}{7} = 3.141$

r = radius

h = height

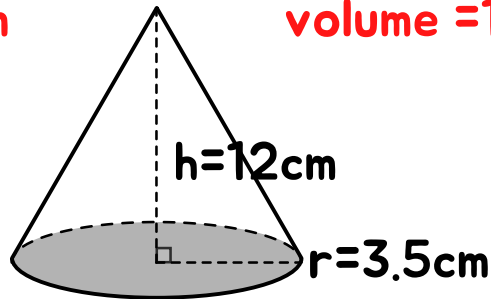
Direction: Find the volume of the following cones.

1



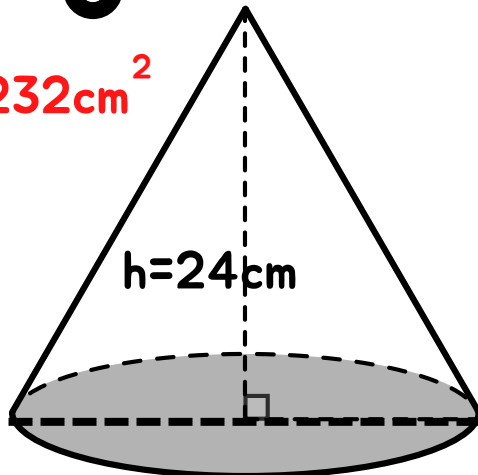
volume = 1078 cm^2

2



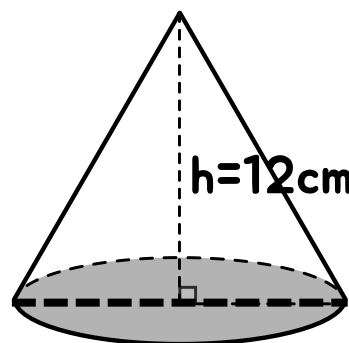
volume = 154 cm^2

3



volume = 1232 cm^2

4



$d=10 \text{ cm}$

volume = 314.16 cm^2