MTH

APRIL 10, 2012

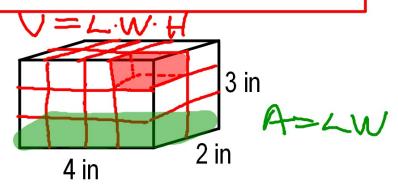
GETOUTYOUR HOMEWORK TO CORRECT...



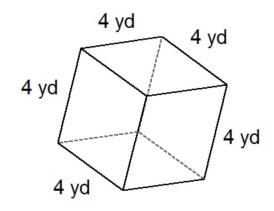
4/10 - Volume of Prisms and Pyramids

PRISMS:

Volume = Area of the base x height

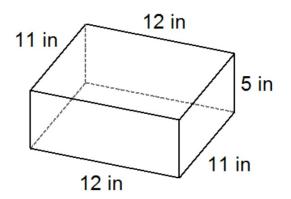


24 cubes 24 in³



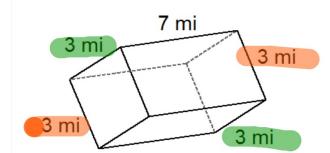
$$V = LWH$$

= 4-4-4
= 64 yd3



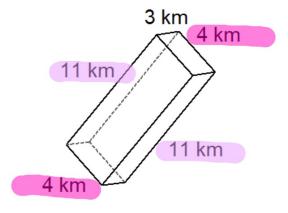
$$V = LWH$$

= 5-12-11
= 60.11
= 660 in³



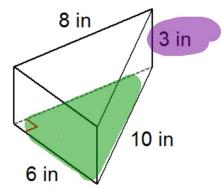
$$V = LWH$$

= 3-3-7
= 63 mi³

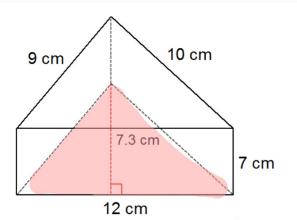


$$V = LWH$$

= 11.4.3
= 132 km³



V=area gbase × height
=
$$\frac{1}{2}bh$$
 × H
= $\frac{1}{2}\cdot6.8$ × 3
= 72 in³

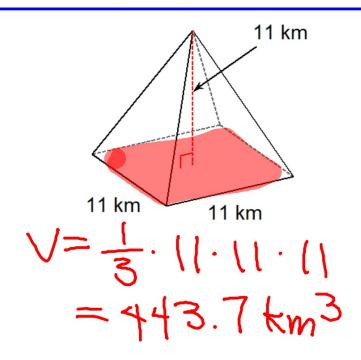


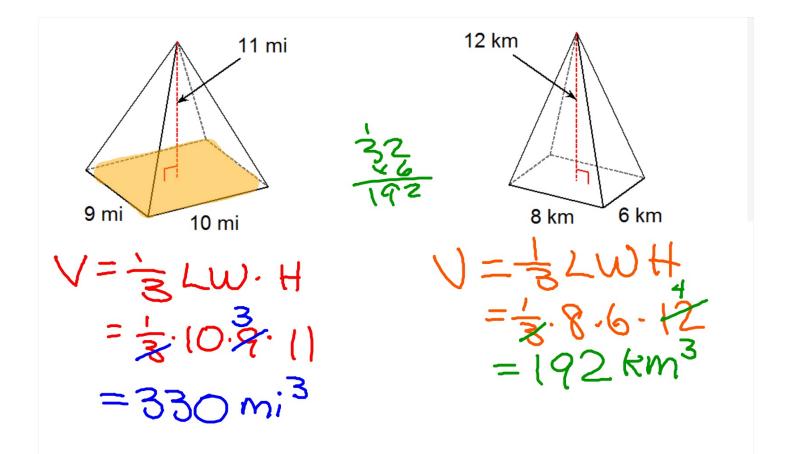
$$V = \frac{1}{2}bh \times H$$

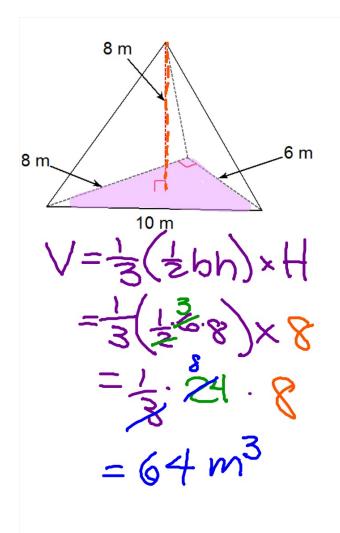
= $\frac{1}{2}(12)(7.3) \times 7$
= $\frac{1}{2}(12)(7.3) \times 7$

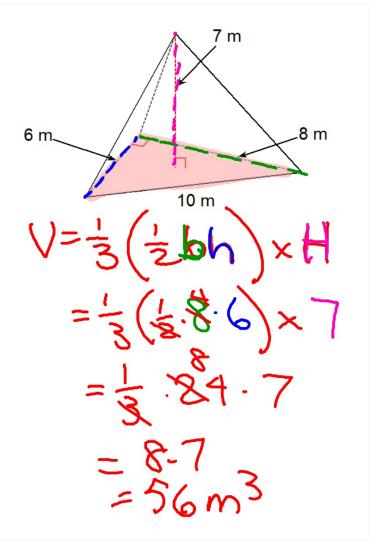
PYRAMIDS:

Volume = one-third of the area of the base x height









HOMEWORK

GEOMETRYWS 5

our Wednesday