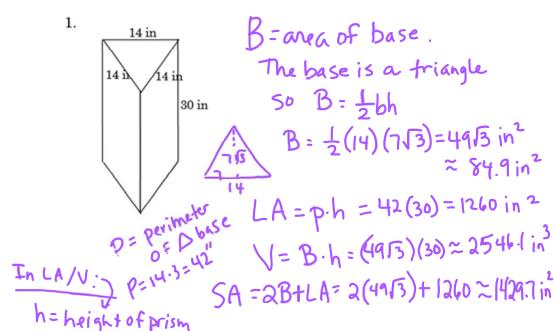
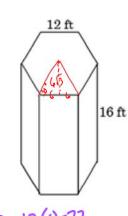
Prism Notes

Newest tenth.
Objective: Find the volume and surface area of prism.



Objective: Find the volume and surface area of prism.

2.



B - base is a hexagon.

$$B = \left(\frac{1}{2}(12)(63)\right) 6 = 211\sqrt{3} \text{ ft}^{2}$$

$$\approx 374.1 \text{ ft}^{2}$$

$$LA = P \cdot h = 72(16) = (152 \text{ ft}^{2})$$

$$V = B \cdot h = \left(216\sqrt{3}\right)(16) \approx 5986.0 \text{ ft}^{3}$$

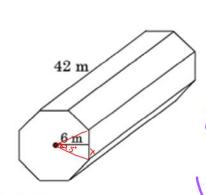
$$SA = 2B + LA = 2(216\sqrt{3}) + 1152$$

$$\approx 1900.2 \text{ ft}^{2}$$

h= height of prism=16

Objective: Find the volume and surface area of prism.





$$B = \left(\frac{1}{2}(4.9706)(6)\right) 8 \approx ||9.3m^{2}||19.2944 \rightarrow ||19.2944 \rightarrow ||19.294 \rightarrow ||19.2944 \rightarrow ||19.2944 \rightarrow ||19.2944 \rightarrow ||19.2944 \rightarrow ||19.294 \rightarrow$$

B- Octagon

$$360 \div 8 = 450$$

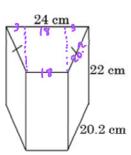
 $\frac{1}{2} = 22.5$
6. $\frac{1}{4}$ an $22.5 = \frac{1}{6}$.

≈ 1908.7 m²

5A=2B+LA=2(119.2944)+1670.109

Objective: Find the volume and surface area of prism.





B - trapezoid have 15 hrs.)

B =
$$\frac{1}{2}$$
h(b, tb2) hox trap.

B = $\frac{1}{2}$ (19.9760)(18+24) = 419.5 cm²

419.4957

$$LA = ph = 82.4(22) = 1812.8 cm^{2}$$

$$20.2 \text{ cm} \qquad V = B.h = (419.4957)(22) \approx 922.89$$

to get height of trapezoid

32+ 62=20.22

P of trapezoid