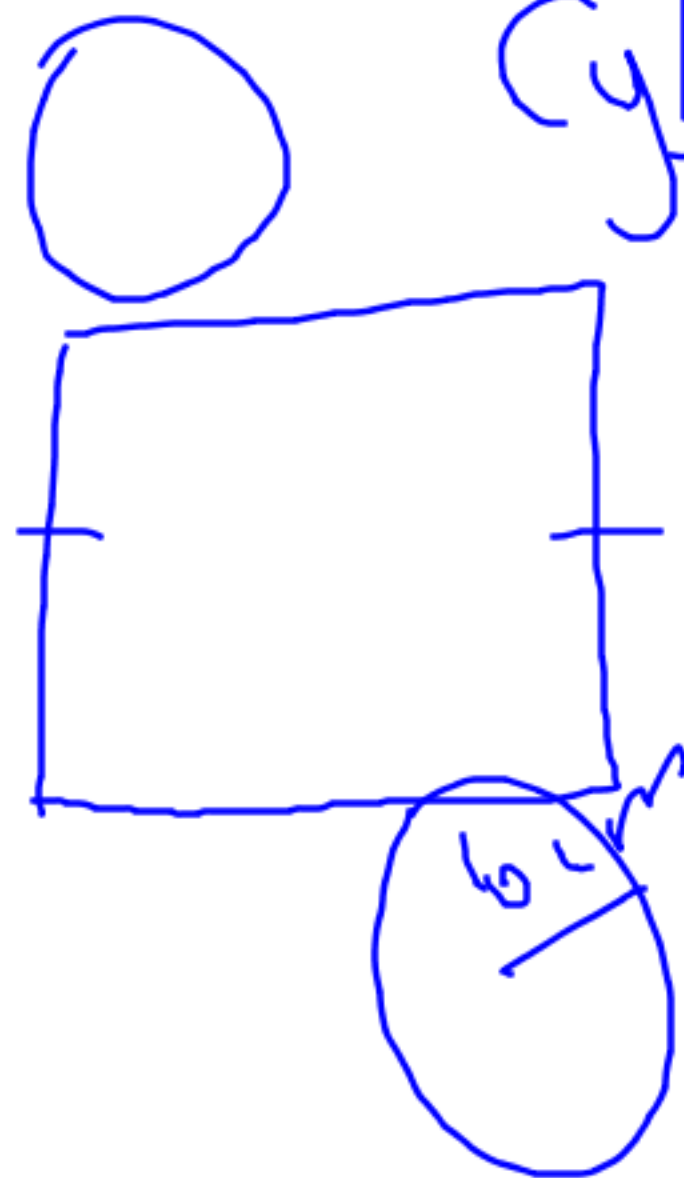


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Mar. 28

Surface Area + Volume of a  
Cylinder and a Cone

1.



$$S.A = 2\pi r^2 + 2\pi rh$$

$$S.A =$$

# Surface Area of a Cone.

3.



$$S.A = \pi r^2 + \pi r s$$

$$S.A. = 3.14(4)^2 + 3.14(4)(12)$$

$$S.A = 3.14(16) + 150.72$$

$$S.A = 50.24 + 150.72$$

$$S.A = 200.96$$

$$S.A = 201 \text{ cm}^2$$

g) Volume of a cone

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

$$V = \frac{3.14 (3)^2 (4)}{3}$$

$$V = \frac{3.14 (9) (4)}{3}$$

$$V = \frac{113.04}{3}$$

$$V = 37.7 \text{ m}^3$$

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