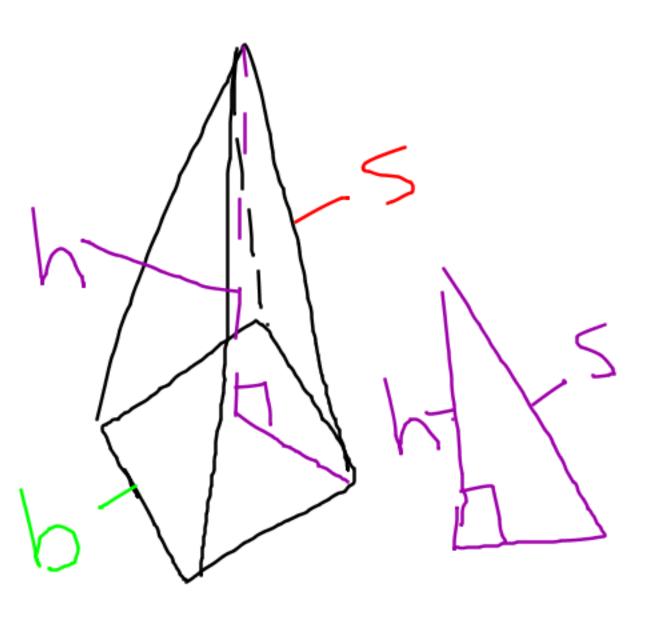
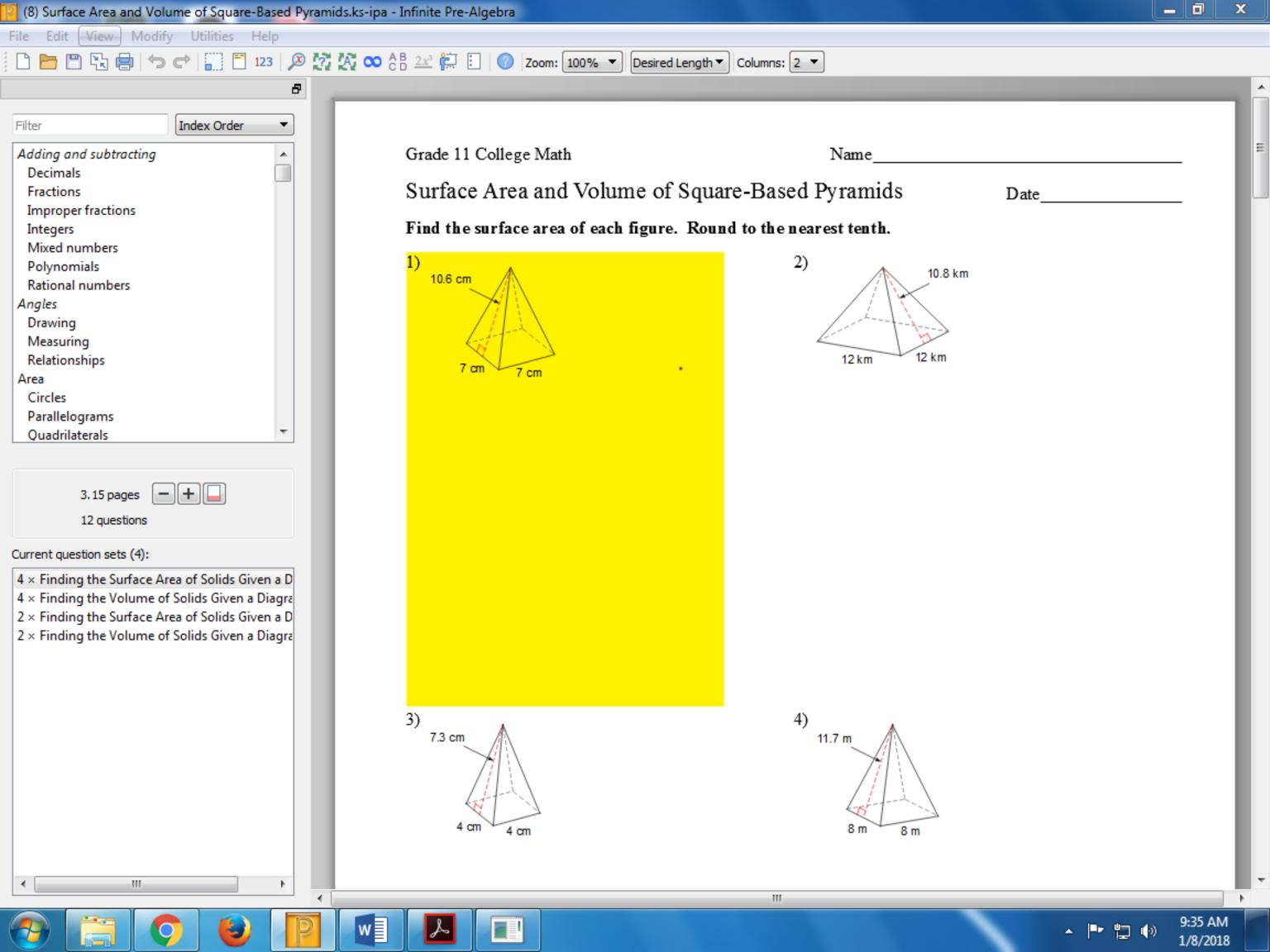
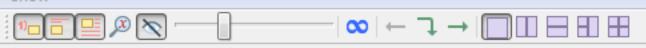
$$SA = 4 \left( \frac{bS}{2} \right) + b^{2}$$







Find the surface area of each figure. Round to the nearest tenth.

$$5A = 4(\frac{b}{a}) + b^{2}$$
 $5A = 4(\frac{7}{(10.6)}) + 7^{2}$ 
 $5A = 4(\frac{7}{(10.6)}) + 7^{2}$ 
 $5A = 4(\frac{7}{(10.6)}) + 49$ 

$$\frac{3\pi - 1(\frac{\pi}{2})}{3\pi}$$

















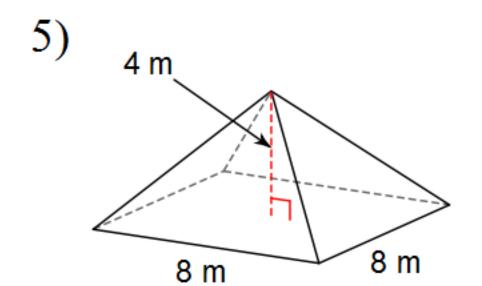








Find the volume of each figure. Round to the nearest tenth.



$$J = \frac{b^{\circ}h}{3}$$

$$V = \frac{8^{2}(4)}{3}$$

$$V = 85.3 \,\mathrm{m}^3$$















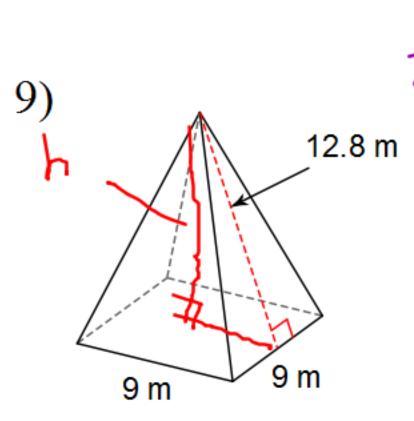


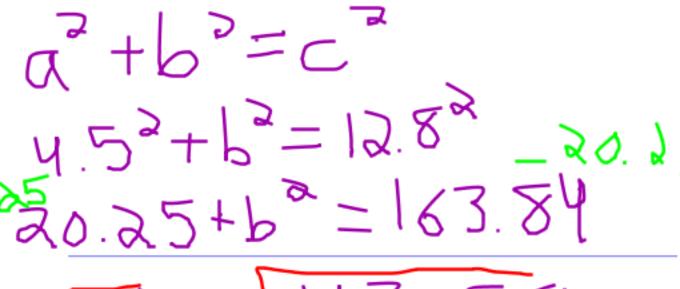


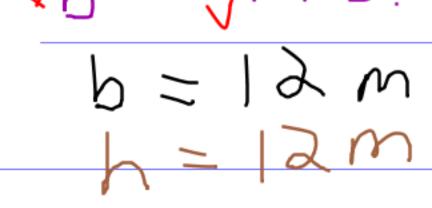




Find both the surface area AND volume of each figure. You may need to solve for h or s using the Pythagorean Theorem. Round to the nearest tenth.







$$\sqrt{5} = \sqrt{3}$$

$$\sqrt{5} = \sqrt{3}$$

$$\sqrt{5} = \sqrt{3}$$



















$$5A = 4(\frac{b5}{a}) + b^{3}$$
  
=  $4(\frac{9)(12.8)}{2} + 9^{a}$   
=  $230.4 + 81$   
 $5A = 311.4 m^{2}$ 

$$V = \frac{b^{2}h}{3}(12)$$
 $= \frac{b^{2}h}{3}(12)$ 
 $= \frac{3}{3}(12)$ 
 $= \frac{3}{3}(12)$ 
 $= \frac{3}{3}(12)$