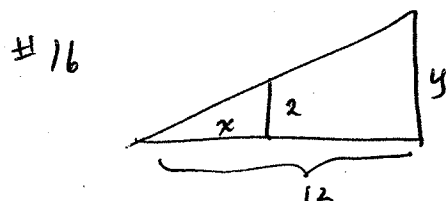
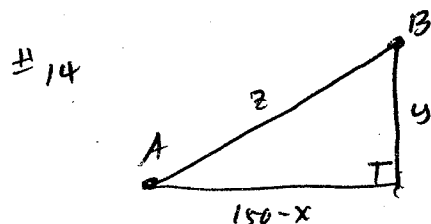
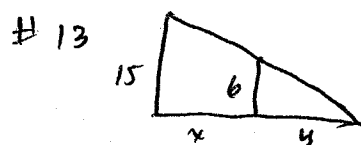
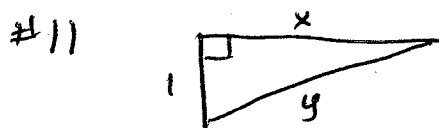
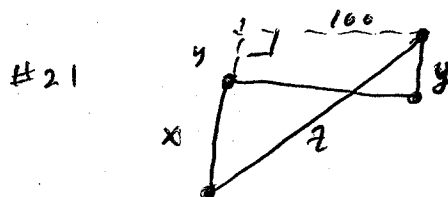
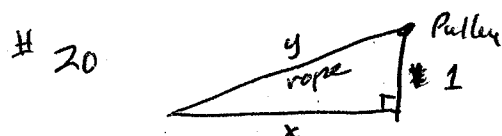


3.9 Set ups

#10 $xy = 8$ (Treat as a product)

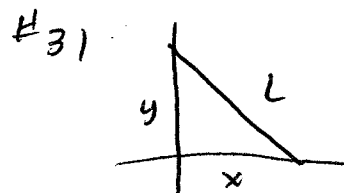
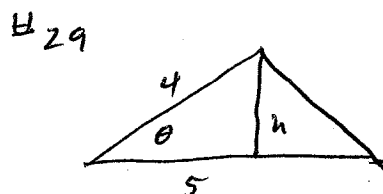
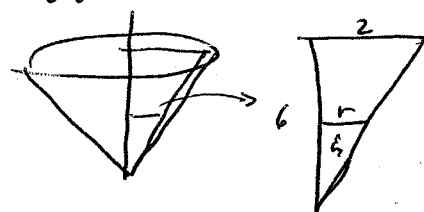


#19 $A = \frac{1}{2}bh$, treat as product

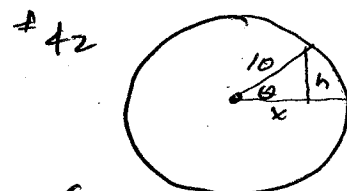


#22 $z^2 = x^2 + y^2$

#23 Note: If C is the rate water is coming in, then $\frac{dV}{dt} = C - 0.01 \text{ m}^3$



#36 Formula given



Given: $\frac{d\theta}{dt} = \pi \text{ rad/min}$