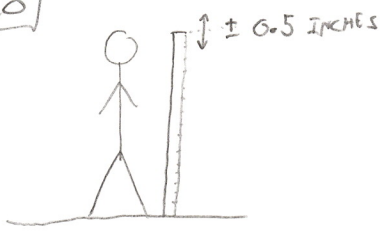
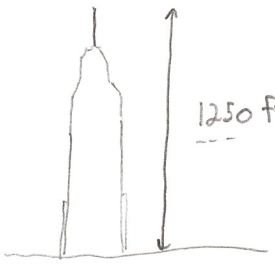
P1.20



$5\text{ ft } 7\text{ in} = 67\text{ in} = 1.7018\text{ m}$

1.7 m

P1.21



$1250\text{ ft} \times \frac{1\text{ m}}{3.28084\text{ ft}} = 380.99\,99878$

$= 381\text{ m}$

$= 3.81 \times 10^{2}\text{ m}$

P1.23

PROBABLY GROWS ABOUT $\frac{1}{2}$ INCH PER MONTH?

$$\frac{0.5\text{ in}}{1\text{ month}} \times \frac{1\text{ ft}}{12\text{ in}} \times \frac{1\text{ m}}{3.28084\text{ ft}} \times \frac{1\text{ month}}{30\text{ days}} \times \frac{1\text{ day}}{24\text{ hrs}} \times \frac{1\text{ hr}}{60\text{ min}} \times \frac{1\text{ min}}{60\text{ sec}} \approx 4.5 \times 10^{-9}\text{ m/s}$$