9) $x_i = 1.1$ cm $\qquad x_T = ?$

$d_i = 1.93$ m $\qquad d_T = 2.2$ m

$$\frac{.011 \text{ m}}{1.93 \text{m}} = \frac{x_T}{2.2 \text{m}}$$

$x_T = 1.25$ cm