RELATED RATES 2

$$A = \frac{1}{2} \times \frac{4}{3} + \frac{1}{3} \times \frac{4}{3} \times \frac{4}{3} + \frac{1}{3} \times \frac{4}{3} \times \frac{4$$

$$\frac{6}{S} = \frac{20}{X+S}$$

$$\frac{2}{2} = \frac{7}{5}$$

$$6x + 6s = 20s$$

$$-6s$$

$$\frac{1}{5} = \frac{14}{5}$$

$$\frac{1}{5} = \frac{1}{5}$$

1 Sec²
$$\theta$$
 $\frac{d\theta}{dt} = \frac{1}{100} \frac{d\theta}{dt}$

100² + 100² = r²
 $\frac{ft}{100} \frac{100}{100} \frac{d\theta}{dt} = \frac{1}{100} \frac{d\theta}{dt}$
 $\frac{d\theta}{dt} = \frac{1}{200} \frac{d\theta}{dt} = \frac{1}{200} \frac{d\theta}{dt}$
 $\frac{d\theta}{dt} = \frac{1}{200} \frac{d\theta}{dt} = \frac{1}{200} \frac{d\theta}{dt}$