

NOTE CHECK → 1.8

EX 1: CONE $V =$

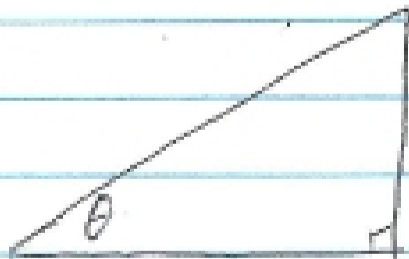
EX 3: OIL SPILL:

$A =$

$$\frac{dA}{dt} =$$

$$\frac{dr}{dt} =$$

EX 4: ... THE ROCKET PROBLEM ...



$$\begin{aligned} L &= \\ h &= \\ \theta &= \end{aligned}$$

$$\tan \theta =$$

$$\left. \frac{dh}{dt} \right|_{h=4000} =$$

$$h = 4000$$

CONT'D:

$$\frac{d}{dt} [TAN \theta] = \frac{d}{dt} [\quad]$$