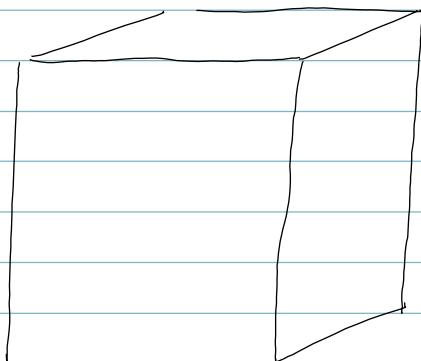
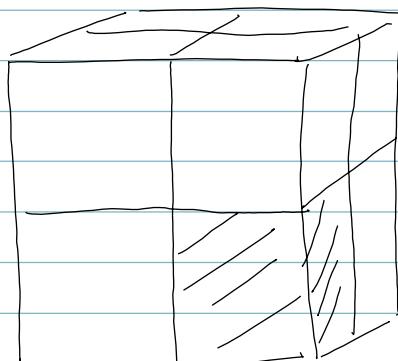


SURFACE AREA VS SIZE
NANO-03 | 12/10/11

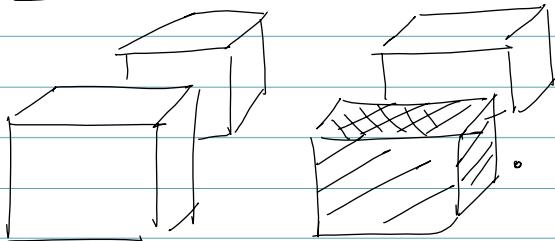
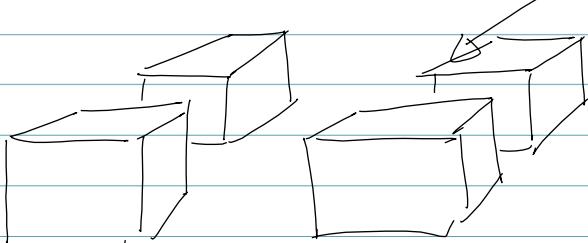


$$\leftarrow d_1 \rightarrow$$



$$\leftarrow d_2 \rightarrow$$

$$d_2 = \frac{1}{2} d_1$$



SURFACE AREA (SMALL)

$$= 2(\text{SURFACE AREA (LARGE)})$$

SURFACE AREA $\propto \frac{1}{d}$

$$d_2 = \frac{1}{2} d_1$$

$$S.A._2 = 2 \times S.A._1$$