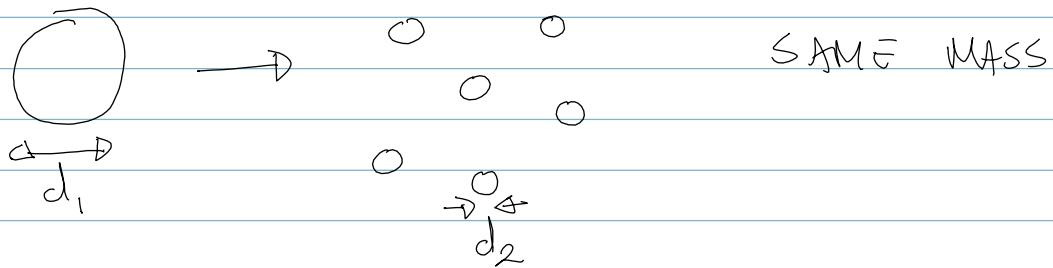


SPECIFIC SURFACE AREA

$$= \frac{\text{SURFACE AREA}}{\text{MASS}}$$

UNITS : $\frac{\text{m}^2}{\text{g}}$



$$S.S.A = \frac{\pi d_1^2}{\left(\frac{\pi d_1^3}{6} \rho\right)} = \frac{6}{d_1 \rho}$$

$$\frac{S.S.A_2}{S.S.A_1} = \frac{\left(\frac{6}{d_2 \rho}\right)}{\left(\frac{6}{d_1 \rho}\right)} = \frac{d_1}{d_2}$$

$$S.S.A_2 = S.S.A_1 \frac{d_1}{d_2}$$