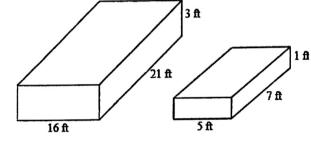
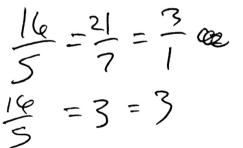


10. Surface Area: <u>(e15.75 mits</u>2) Volume: <u>1436.76 mts</u>3  $Vol = \frac{4}{3}\pi^{73}$  $\frac{4}{3}\pi^{73}$  $SA = 4\pi r^{2}$   $4\pi 49$ 

11. Similar? If so what is the similarity ratio?





Jot Similar

12. Find the volume of Solid #2 Solid #2 Solid #1  $\overline{SA = 1100 \text{ yd}^2}$  $SA = 176 \text{ yd}^2$  $V = 19000 \text{ yd}^3$ V = ?4 25

 $\frac{176yd^2}{1100yd^2} = \frac{Xyd^3}{19000yd^3}$  $\left(\frac{2}{5}\right)$  $\frac{152000}{125} = \frac{125}{125}$ X=1216yd3 125