17) $\frac{m}{4} + \sqrt[3]{9m}$ $m = 3$

$\frac{3}{4} + \sqrt[3]{9(3)}$

$\frac{3}{4} + \sqrt[3]{27}$

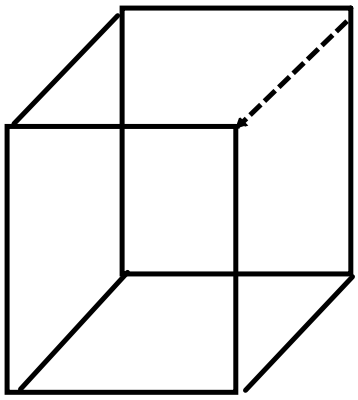
$\frac{3}{4} + 3$

$\frac{3}{4} + \frac{12}{4}$

$\frac{15}{4}$

Aug 21-9:56 AM

20) $1728\ in^3 = V$



a) $V = lwh$

$V = s^3$

$\sqrt[3]{1728\ in^3} = \sqrt[3]{s^3}$

$12\ in = s$

b) Surface Area

6 faces

$s^2 + s^2 + s^2 + s^2 + s^2 + s^2$

$6s^2$

$6(12)^2$ = Surface Area

$864\ in^2$