March 4, 2019

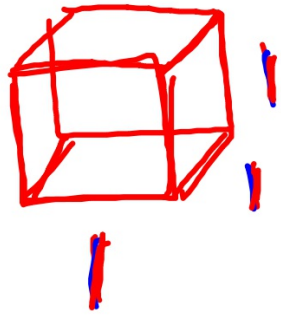
No Warm Up - turn in Friday's worksheet, 15-1 Practice A/B

Class Work
Work in IXL FF.18(from last week, if not completed)
This week's IXL Skills: EE.3, EE.4

Several people in each class will be taking or finishing the Make-up quiz on Area of Special Figures.

Edpuzzle Video - Surface Area of Prisms and Pyramids

IXL SKill FF.18



$SA = \frac{6 \text{ yd.}^2}{6}$

6 faces

area of 1 face $= 1 \text{ yd}^2$

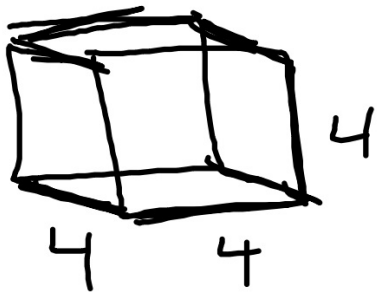
$V = LWH$

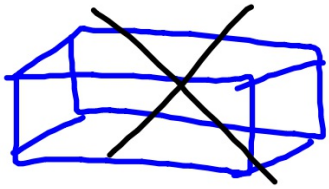
$1 \cdot 1 \cdot 1$

$V = 1 \text{ yd}^3$

$A = s^2$

$s = 1$





$SA = 96\ cm^2$

6

↓

area of 1 face

$= 16\ cm^2$

$s^2 = 16\ cm^2$

$\sqrt{16} = 4$

$V = 4 \cdot 4 \cdot 4$

$V = 64\ cm^3$

Cubes Only

$\frac{SA}{6}$ = area of 1 face

$\sqrt{}$ figure out side length

$V = LWH$

Square #

1	1 · 1
4	2 · 2
9	3 · 3
16	4 · 4
25	5 · 5
36	6 · 6
49	7 · 7
64	8 · 8

$\sqrt{25} = 5$

$\sqrt{100}$ square root

$V = 12\,in^3$

LWH

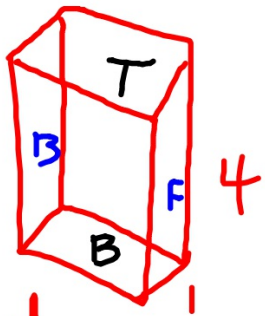
$d \cdot 1 \cdot 4 = 4d$

$V = LWH$

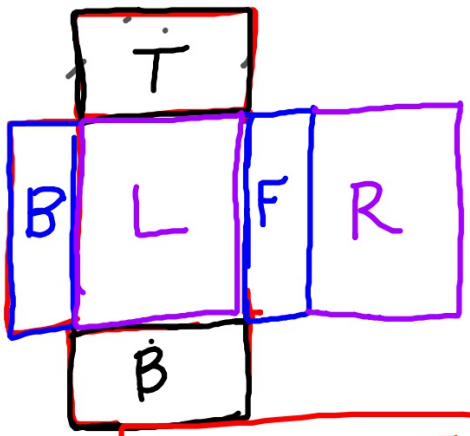
$12\,in^3 = d \cdot 1 \cdot 4$

$\frac{12}{4} = \frac{4d}{4}$

$3 = d$



3 d



$3 \cdot 4 = 12$

$4 \cdot 1 = 4$

$1 \cdot 3 = 3$

$19\,(2) = 38\,in^2 = SA$

$SA = 46\ cm^2$

$2(5d) = 10d$

$2(d1) = 2d$

$10 \rightarrow 10$

$46 = 10d + 2d + 10$

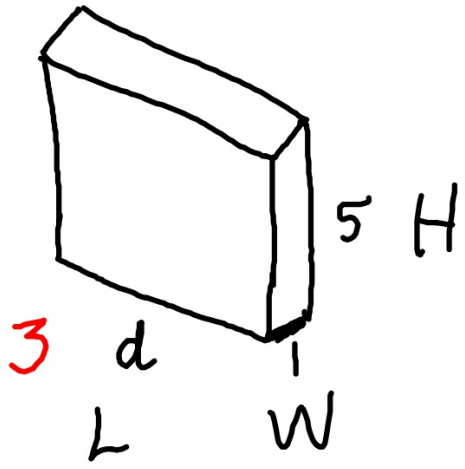
$46 = 12d + 10$

$46 \div 12d + 10$

$-10 \quad \downarrow \quad -10$

$36 = 12d \quad 0$

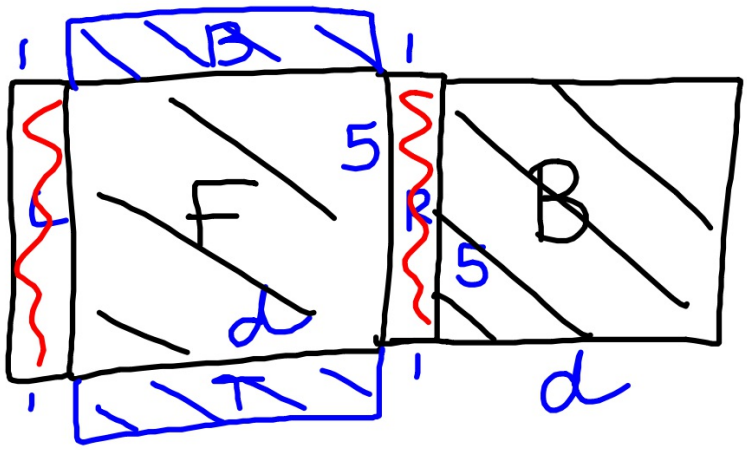
$3 = d$



$5 \cdot 3 = 15$

$3 \cdot 1 = 3$

$1 \cdot 5 = 5$



$23 \cdot 2$

(46)

$5d(2) = 10d$

$1d(2) = 2d$

$5(2) = 10$

$F/B = 5d$

$T/B = 1d$

$L/R = 5 \cdot 1$

March 4
Period 5

Warm Up - none today

Class Work-
Some people will be finishing/taking the quiz from Friday.

If you have finished the quiz and completed last week's IXL Skills, you may begin wokring on this week's skills.