

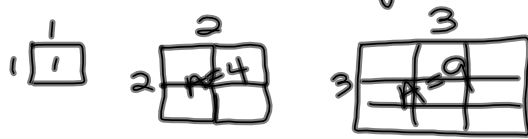
$$48.) \quad \frac{-\sqrt{-25}}{\underline{n \cdot n}}$$

$$\frac{n^2}{\sqrt{n^2}}$$

$$-\sqrt{25} = -5$$

false, any negative # times
itself is a positive #.
($- \cdot - = +$)

46.) Total 130 square tiles



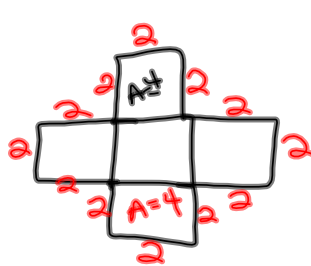
Perfect Squares

1	64	
4	81	
9	100	
16	121	
25	144	Gross
36		
49		

64	8x8
+ 36	6x6
25	5x5
<hr/>	
125	total

$$\begin{aligned} 40.) \quad n &= \# \\ n^2 &= 1.0404 \\ \sqrt{n^2} &= \sqrt{1.0404} \\ n &= \pm 1.02 \end{aligned}$$

$$\begin{array}{c|c} D & u \\ \hline n^2 & \sqrt{n^2} \end{array}$$



$$A = l \cdot w$$

$$P = 24$$

$$A = 100 \text{ sq.}$$

$$A = l \cdot w$$

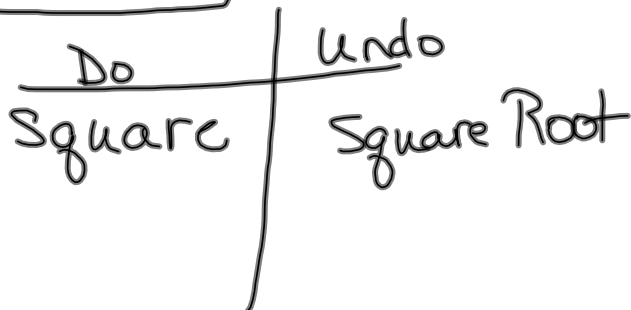
$$\sqrt{100} = 10$$

square

$$l = w$$

$$A = l^2$$

$$A = w^2$$



$$56.) \quad |-18| = 18$$

Absolute value = distance from zero

Perfect Squares

1
4
9
16
25
36
49

64
81
100
121
144

58.) 68

Between 64 / 81

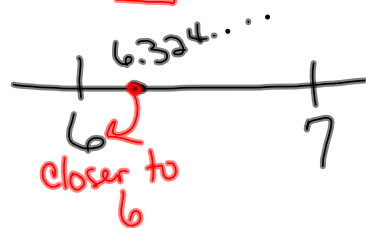
60.) 40

Between 36 / 49

3-2 Estimating Perfect Squares

$\sqrt{40}$ is between 6 and 7

$$\sqrt{40} = \boxed{6}.3245532$$



closest to 6 (whole #)

$$\sqrt{52}$$

7.2111

Between
7-8

