

Inequalities: means not equal

$>$
greater than

\geq
greater than or equal to

$<$
less than

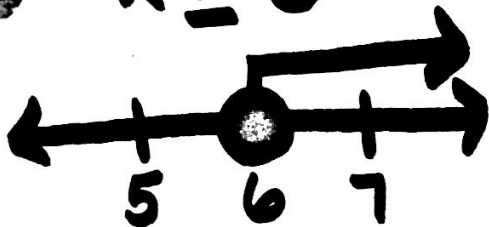
\leq
less than or equal to

graphing



Graphing Inequalities:

$$x \geq 6$$



$$x < 4$$

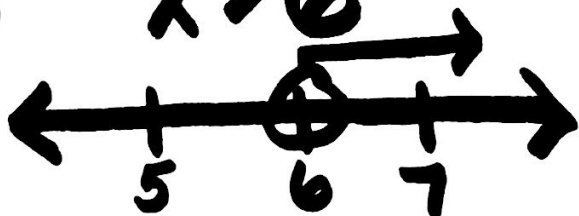


Solving Inequalities:

$$x + 12 > 18$$

$$-12 \quad -12$$

$$x > 6$$



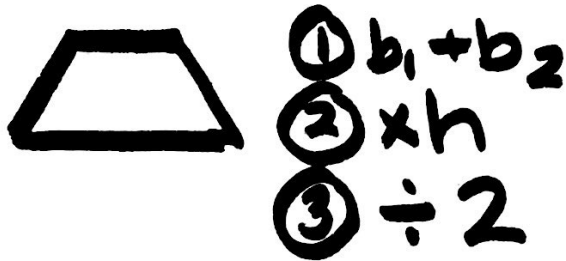
$$4y \leq 20$$

$$\div 4 \quad \div 4$$

$$y \leq 5$$



Area:



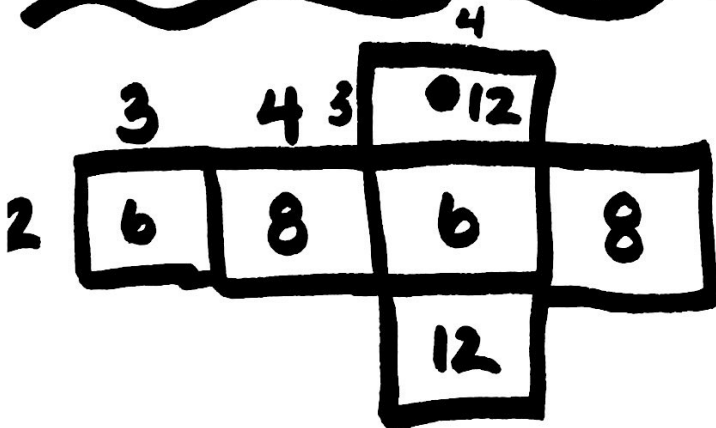
* Area is Measured in Units²

Volume:



* Measured in Units³

Surface Area:



$$\begin{array}{r} 12 \\ +12 \\ \hline 24 \end{array} + \begin{array}{r} 6 \\ +6 \\ \hline 12 \end{array} + \begin{array}{r} 8 \\ +8 \\ \hline 16 \end{array} = 52 \text{ in}^2$$