

January 8, 2015

4th

STARTER



Solve each inequality for the given variable.

1. $\cancel{4}c < \frac{-12}{\cancel{4}}$
 $c < -3$

2. $\frac{-5v}{\cancel{-5}} < \frac{-10}{\cancel{-5}}$
 $v > 2$

3. $8 > \frac{-2d}{\cancel{-2}}$
 $\cancel{-4}d > -4$
 $d > -1$

1/8 - Solving Any One-Step Inequality

To solve INEQUALITIES:

1. Find the center
2. Find the variable
3. UNDO the number with the variable
4. Move the variable to the LEFT side

$$5. -4 \leq \frac{h}{5} \cdot 5$$

$$-20 \leq h$$

$$h \geq -20$$

$$-6 + k > -11$$

$$+6 \quad +6$$

$$k > -5$$

$$\frac{24}{-8} < \frac{-8b}{-8}$$

$$-3 > b$$

$$b < -3$$

$$5 + k \leq -30$$

-5 -5

$$k \leq -35$$

Never switch the sign
with ADD or SUBTRACT.

Homework

Melon WS4

Due Friday