

**Thursday:**

Solve the following equations and write the correct property of equality that you use for each step.

1.  $\frac{-1}{2}x - 4 = 13$  Property of Equality:

~~$\frac{-1}{2}x - 4 = 13$~~   $+4$  Add  
 ~~$\frac{-1}{2}x$~~   $+4$  Add  
 ~~$\frac{-1}{2}x$~~   $\frac{17}{1}$  Mult  
 ~~$\frac{-1}{2}x$~~   $\frac{17}{1}$  Div  
 $x = \frac{34}{-1}$   
 $x = -34$

2.  $3x - \frac{3}{2} = \frac{3}{2}$  Property of Equality:

$+\frac{3}{2}$   $\frac{3}{2}$  Addition  
 $3x = \frac{3}{2} + \frac{3}{2}$  division  
 $3x = \frac{6}{2}$  division  
 $\frac{3x}{3} = \frac{6}{2}$   
 $x = 1$