

Wednesday:

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

1. $-3x - 2 = 0$ Property of Equality:

$$\begin{array}{r|l} +2 & +2 \text{ Addition} \\ \hline -3x & 2 \text{ division} \\ -3 & -3 \\ \hline x & = \frac{2}{-3} \end{array}$$

2. $\frac{3}{2}x + 6 = 12$ Property of Equality:

$$\begin{array}{r|l} -6 & -6 \text{ Subtraction} \\ \hline 2. \frac{3}{2}x & 6 \cdot 2 \text{ Multiplication} \\ 3. & 12 \text{ division} \\ & \frac{12}{3} \\ & \boxed{x = 4} \end{array}$$