Untitled.notebook October 28, 2015

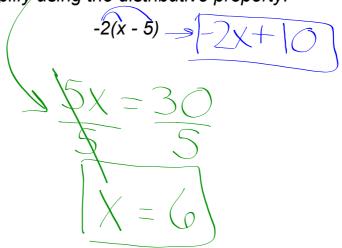
## **WARM-UP**

Determine if the ratios are equal.

equal! 
$$\frac{2}{3.5}\frac{8}{14}$$
  $28 = 28$ 

Solve the proportion for x.

Simplify using the distributive property.



## **Homework Questions**

$$\begin{array}{c}
12 \\
\hline
12 \\
\hline
12 \\
\hline
29 \\
\hline
240 = 109 \\
\hline
10 \\
\hline
10 \\
\hline
24 = 9
\end{array}$$

## **Clear Learning Target**

You will be able to solve proportions with addition and subtraction.

Example 1: 
$$\frac{x-2}{14}$$
  $\frac{2}{7}$ 

D Cross Multiply 28 =  $7(x-2)$ 

2 Distribute 28 =  $7x-14$ 

3) Solve two-step equation 414

412 =  $7x$ 
 $6 = x$ 

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