Tough Proportions

Name:_____

7th Grade Math

Use the same process as the proportion we did before. You will also have to apply distributive property of multiplication.

Example:

1. $\dfrac{-x+3}{2} = \dfrac{4}{-2}$

2. $\dfrac{2}{x-3} = \dfrac{5}{x+3}$

Now you try....

1. $\dfrac{-4}{2} = \dfrac{-10}{x-1}$

2. $\dfrac{x-5}{3} = \dfrac{x+5}{-2}$

3. $\dfrac{x+1}{3} = \dfrac{x-5}{3}$

4. $\dfrac{3x-3}{x+6} = \dfrac{-2}{-3}$

5. $\dfrac{x-4}{5x+3} = \dfrac{5}{10}$

6. $\dfrac{x-7}{2x+3} = \dfrac{5}{9}$