

# Tough Proportions

7<sup>th</sup> Grade Math

Name: \_\_\_\_\_

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

Example:

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

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

Now you try....

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

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

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

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

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

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