



Proportions

Name: _____

Date: _____

Score: _____

Direction: Solve each proportion. Show all your work in the space provided.

1) $\frac{x}{3} = \frac{2}{5}$

2) $\frac{x}{x-1} = \frac{3}{5}$

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

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

5) $\frac{2x-1}{3x+1} = \frac{3}{7}$

6) $\frac{-6x+1}{-x-1} = \frac{1}{-2}$



Proportions

Version 1

Name: _____

Date: _____

Score: _____

Direction: Solve each proportion. Show all your work in the space provided.

$$1) \frac{x}{3} = \frac{2}{5}$$

$$x = \frac{6}{5}$$

$$2) \frac{x}{x-1} = \frac{3}{5}$$

$$x = -\frac{3}{2}$$

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

$$x = 8$$

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

no solution

$$5) \frac{2x-1}{3x+1} = \frac{3}{7}$$

$$x = 2$$

$$6) \frac{-6x+1}{-x-1} = \frac{1}{-2}$$

$$x = \frac{1}{13}$$