Solving for x: Lesson 12

Solving Proportions: Worksheet 1

Name: _____

Check diagonals of $\frac{5}{7} = \frac{10}{14}$

Solve:

$\frac{x}{9} = \frac{4}{5}$

$3 + \frac{6}{x} = 10$

$\frac{x-3}{4} = \frac{x}{6}$

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

$10 - \frac{3}{x} = 11$

$\frac{4x-7}{5} = \frac{2x+3}{8}$

$$\frac{4x}{7} = \frac{-3}{8}$$

$$\frac{7}{x} + 3 = -4$$

$$\frac{11}{9x-2} = \frac{4}{2x-1}$$

$$\frac{4x}{9} = \frac{x-3}{10}$$