





|             | Algebra2go®  |
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|             | Example 2: Solve each proportion problem.  |
|             | a) $\frac{x}{4} = \frac{5}{8}$ b) $\frac{2}{5} = \frac{4}{x}$ c) $\frac{25}{100} = \frac{x}{4}$  |
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|             | Answer the following homework questions.   |
|             | In Exercíses 1 - 9, solve each proportion problem. Try not to use a  |
|             | calculator.  |
|             | 1) $\frac{7}{x} = \frac{2}{9}$ 4) $\frac{x}{1.4} = \frac{0.15}{3}$ $\frac{7}{1} = \frac{5}{2}$<br>$\frac{1}{2} = \frac{2}{3}$  |
|             | 2) $\frac{1}{x} = \frac{1}{11}$<br>3) $\frac{0.5}{1.2} = \frac{1}{x}$<br>6) $\frac{x}{12} = \frac{0.05}{0.12}$<br>8) $\frac{\frac{2}{3}}{\frac{1}{2}} = \frac{8}{\frac{1}{2}}$ |
| Page 4 of 4 | 9) $\frac{\frac{1}{2}}{\chi} = \frac{\frac{1}{3}}{\frac{1}{14}}$   |