1.5.1: Let's Do Proportions

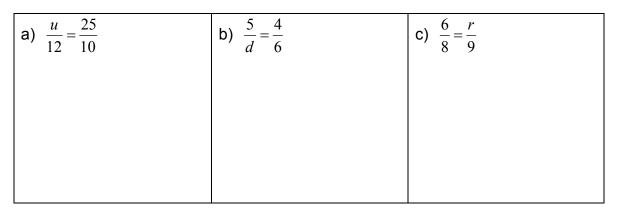
1. State whether the ratios are proportional. Give reasons to support your answers.

| a) $\frac{11}{12}$, $\frac{18}{27}$ | b) $\frac{6}{102}$, $\frac{1}{17}$ | c) $\frac{11}{8}$, $\frac{22}{16}$ |
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2. Solve each proportion.

| a) $\frac{2}{18} = \frac{b}{6}$ | b) $\frac{a}{7} = \frac{18}{42}$ | c) $\frac{2}{14} = \frac{1}{k}$ |
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| | | |

3. Solve each proportion.



4. Create a proportion from each set of numbers. Only use **four (4)** numbers from each set of numbers.

| a) 21, 7, 18, 6, 14 | b) 16, 2, 1, 21, 8 | c) 10, 15, 20, 25, 30 |
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