

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.

a) $\frac{u}{12} = \frac{25}{10}$	b) $\frac{5}{d} = \frac{4}{6}$	c) $\frac{6}{8} = \frac{r}{9}$
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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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