

# SOLVING PROPORTIONS EQUATIONS – MIXED QUESTIONS – (ANSWER KEY)

**A**

**B**

<div style="border: 1px solid black; background-color: #fff9c4; padding: 10px;"> <math display="block">\frac{12}{x} = \frac{30}{75}</math> <math display="block">\frac{x}{8.4} = \frac{2}{7}</math> <math display="block">-\frac{5}{2} = \frac{x}{8}</math> <math display="block">\frac{2}{5} = \frac{x}{35}</math> <math display="block">\frac{2}{6.5} = \frac{2.7}{x}</math> <math display="block">\frac{x+5}{12-x} = \frac{3}{4}</math> <math display="block">\frac{6}{5} = \frac{2x+4}{x-2}</math> <math display="block">\frac{x}{4} = \frac{8}{7}</math> <math display="block">-\frac{x+4}{2} = \frac{2}{x}</math> <math display="block">\frac{3}{x+9} = \frac{x-8}{3x-8}</math> </div>	<div style="border: 1px solid black; background-color: #e2efda; padding: 10px;"> <math display="block">x = -8</math> <math display="block">x = 12 \text{ or } x = -4</math> <math display="block">x = 8.775</math> <math display="block">x = -2 \text{ or } x = -2</math> <math display="block">x = -20</math> <math display="block">x = 4\frac{4}{7}</math> <math display="block">x = 30</math> <math display="block">x = 2\frac{2}{7}</math> <math display="block">x = 14</math> <math display="block">x = 2.4</math> </div>
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