



## Fraction Manipulation Algebra - Orientation 2

<p>1 Solve the fraction for 'x' in terms of the variables and reduce.</p> $2a = \frac{3x}{4c}$	<p>A <math>x = \frac{2c}{3a}</math></p>	<p>B <math>x = \frac{8a \cdot c}{3}</math></p>	<p>C <math>x = \frac{c}{a}</math></p>	<p>2 Solve the fraction for 'x' in terms of the variables and reduce.</p> $3a = \frac{3x}{2c}$	<p>A <math>x = 2a \cdot c</math></p>	<p>B <math>x = \frac{c}{2a}</math></p>
	<p>D <math>x = \frac{a}{6c}</math></p>				<p>C <math>x = \frac{c}{a}</math></p>	<p>D <math>x = \frac{a \cdot c}{2}</math></p>
					<p>E <math>x = \frac{c}{18a}</math></p>	
<p>3 Solve the fraction for 'x' in terms of the variables and reduce.</p> $4a = \frac{4x}{3b}$	<p>A <math>x = \frac{3b}{16a}</math></p>	<p>B <math>x = \frac{a \cdot b}{3}</math></p>	<p>4 Solve the fraction for 'x' in terms of the variables and reduce.</p> $4a = \frac{2x}{3b}$	<p>A <math>x = \frac{b}{24a}</math></p>	<p>B <math>x = \frac{3a}{8b}</math></p>	
	<p>C <math>x = 3a \cdot b</math></p>	<p>D <math>x = \frac{3a}{16b}</math></p>		<p>C <math>x = 6a \cdot b</math></p>	<p>D <math>x = \frac{b}{a}</math></p>	
<p>5 Solve the fraction for 'x' in terms of the variables and reduce.</p> $2a = \frac{3x}{3b}$	<p>A <math>x = \frac{b}{18a}</math></p>	<p>B <math>x = \frac{b}{2a}</math></p>	<p>6 Solve the fraction for 'x' in terms of the variables and reduce.</p> $3a = \frac{2x}{4b}$	<p>A <math>x = \frac{b}{24a}</math></p>	<p>B <math>x = \frac{3b}{8a}</math></p>	
	<p>C <math>x = \frac{2a \cdot b}{9}</math></p>	<p>D <math>x = 2a \cdot b</math></p>		<p>C <math>x = \frac{b}{a}</math></p>	<p>D <math>x = 6a \cdot b</math></p>	
<p>7 Solve the fraction for 'x' in terms of the variables and reduce.</p> $3a = \frac{4x}{2b}$	<p>A <math>x = \frac{a}{6b}</math></p>	<p>B <math>x = \frac{3a \cdot b}{8}</math></p>	<p>C <math>x = \frac{3a}{8b}</math></p>	<p>8 Solve the fraction for 'x' in terms of the variables and reduce.</p> $4a = \frac{2x}{4c}$	<p>A <math>x = \frac{c}{2a}</math></p>	<p>B <math>x = \frac{a \cdot c}{2}</math></p>
	<p>D <math>x = \frac{3a \cdot b}{2}</math></p>				<p>C <math>x = 8a \cdot c</math></p>	<p>D <math>x = \frac{c}{a}</math></p>
					<p>E <math>x = \frac{c}{32a}</math></p>	