



## Fraction Manipulation Algebra - Orientation 3

<p><b>1</b> Solve the fraction for 'x' in terms of the variables and reduce.</p> $4a = \frac{4c}{x}$	<p>A <math>x = \frac{4c}{4a}</math></p>	<p>B <math>x = 16a \cdot c</math></p>	<p><b>2</b> Solve the fraction for 'x' in terms of the variables and reduce.</p> $a = \frac{4b}{2x}$	<p>A <math>x = \frac{2b}{a}</math></p>	<p>B <math>x = \frac{4a}{2b}</math></p>	<p>C <math>x = \frac{4b}{2a}</math></p>
	<p>C <math>x = \frac{c}{a}</math></p>	<p>D <math>x = \frac{4a \cdot c}{4}</math></p>		<p>D <math>x = \frac{a \cdot b}{8}</math></p>		
	<p>E <math>x = \frac{4a}{4c}</math></p>					
<p><b>3</b> Solve the fraction for 'x' in terms of the variables and reduce.</p> $2a = \frac{2c}{x}$	<p>A <math>x = \frac{2c}{2a}</math></p>	<p>B <math>x = \frac{2a}{2c}</math></p>	<p><b>4</b> Solve the fraction for 'x' in terms of the variables and reduce.</p> $a = \frac{3c}{2x}$	<p>A <math>x = \frac{3a}{2c}</math></p>	<p>B <math>x = \frac{a \cdot c}{6}</math></p>	<p>C <math>x = \frac{3c}{2a}</math></p>
	<p>C <math>x = \frac{c}{a}</math></p>	<p>D <math>x = 4a \cdot c</math></p>		<p>D <math>x = \frac{c}{a}</math></p>		
<p><b>5</b> Solve the fraction for 'x' in terms of the variables and reduce.</p> $4a = \frac{3b}{x}$	<p>A <math>x = \frac{3a}{4b}</math></p>	<p>B <math>x = \frac{3b}{4a}</math></p>	<p><b>6</b> Solve the fraction for 'x' in terms of the variables and reduce.</p> $a = \frac{2b}{2x}$	<p>A <math>x = \frac{2b}{2a}</math></p>	<p>B <math>x = \frac{2a}{2b}</math></p>	<p>C <math>x = \frac{b}{a}</math></p>
	<p>C <math>x = 12a \cdot b</math></p>	<p>D <math>x = \frac{4b}{3a}</math></p>		<p>D <math>x = \frac{b}{4a}</math></p>		
<p><b>7</b> Solve the fraction for 'x' in terms of the variables and reduce.</p> $a = \frac{4b}{4x}$	<p>A <math>x = \frac{b}{16a}</math></p>	<p>B <math>x = \frac{a \cdot b}{16}</math></p>	<p>C <math>x = \frac{b}{a}</math></p>	<p><b>8</b> Solve the fraction for 'x' in terms of the variables and reduce.</p> $3a = \frac{3c}{x}$	<p>A <math>x = \frac{c}{9a}</math></p>	<p>B <math>x = \frac{c}{a}</math></p>
	<p>D <math>x = \frac{a}{16b}</math></p>				<p>C <math>x = 9a \cdot c</math></p>	