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**4.7 Solving Equations with Fractions**


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Recall from chapters 2 and 3:

For any real numbers $a$ , $b$ , and $c$	
Addition Property of Equality	if $a = b$ , then $a + c = b + c$
Subtraction Property of Equality	if $a = b$ , then $a - c = b - c$
Division Property of Equality	if $a = b$ and $c \neq 0$ , then $\frac{a}{c} = \frac{b}{c}$

<i>Demonstration Problems</i>	<i>Practice Problems</i>
Add and simplify, if possible. <b>1. (a)</b> $y + \frac{11}{12} = \frac{5}{12}$	Solve. <b>1. (b)</b> $y + \frac{9}{16} = \frac{5}{16}$
Answers: <b>1. (b)</b> $-\frac{1}{4}$	



