

# Fill in the Blanks Add & Subtract Algebraic Fractions

Question	With a Common Denominator	Unsimplified Answer	Simplified Answer (where possible)
$\frac{x}{4} + \frac{7x}{20}$	$\frac{5x}{20} + \frac{7x}{20}$	$\frac{12x}{20}$	
$\frac{7x}{18} - \frac{2x}{9}$	$\frac{7x}{18} - \frac{4x}{18}$		
$\frac{2x}{3} + \frac{x}{4}$	$\frac{\square}{12} + \frac{\square}{12}$		
$\frac{17x}{30} + \frac{x}{10}$	$\frac{17x}{\square} + \frac{3x}{\square}$		
$\frac{x}{6} + \frac{11x}{24}$			
$\frac{3x}{4} - \frac{7x}{36}$			
$\frac{7}{2x} + \frac{3}{x}$	$\frac{\square}{2x} + \frac{\square}{2x}$		
$\frac{6}{5x} - \frac{9}{20x}$			
$\frac{5}{x} + \frac{2}{x^2}$	$\frac{\square}{x^2} + \frac{2}{x^2}$		
	$\frac{\square}{xy} - \frac{\square}{xy}$	$\frac{3-y}{xy}$	
	$\frac{\square}{4x^2} + \frac{\square}{4x^2}$	$\frac{7x+6}{4x^2}$	
$\frac{3}{10xy} - \frac{2}{x^2}$			