Unit 0 Solving equations

There are 4 basic operations when solving equations:

Original Problem			
$x + 4 = 10$	$x - 4 = 10$	$4x = 10$	$\frac{x}{4} = 10$
How to solve:			
$x + 4 = 10$	$x - 4 = 10$	$\frac{4x}{4} = \frac{10}{4}$	$(4)\ \frac{x}{4} = 10\ (4)$
$-4 \quad -4$	$+4 \quad +4$		
$x = 6$	$x = 14$	$x = \frac{5}{2}$	$x = 40$

Other “not so basic” operations when solving equations:

Original Problem		
$\frac{4}{5}x = 10$	$-x - 4 = 10$	$6 - 2(-x + 4) = 10$
How to solve:		
$\left(\frac{5}{4}\right)\frac{4}{5}x = 10\left(\frac{5}{4}\right)$	$-x - 4 = 10$	$6 - 2(-x + 4) = 10$
	$+4 \quad +4$	$6 + 2x - 8 = 10$
	$-x = 14$	$2x - 2 = 10$
$x = \frac{25}{2}$	$\frac{-x}{-1} = \frac{14}{-1}$	$+2 \quad +2$
		$2x = 12$
	$x = -14$	$\frac{2x}{2} = \frac{12}{2}$
		$x = 6$