

Solve and verify

Warm up

February 20

$$1. \quad \frac{x}{3} + 5 = 6$$

$$(3) \frac{x}{3} = 1$$

$$x = 3$$

$\frac{x}{3} + 5$	6
$3 \frac{x}{3} + 5$	$L = RS$
$3 + 5$	$\therefore x = 3$
$1 + 5$	
6	

$$2. \quad \frac{x}{2} + \frac{3x}{4} - 8 = \frac{4x}{5}$$

$$10x + 15x - 160 = 16x$$

$$25x - 16x = 160$$

$$\frac{9x}{9} = \frac{160}{9}$$

$$x = \frac{160}{9}$$

$\frac{x}{2} + \frac{3x}{4} - 8$	$\frac{4x}{5}$
$\frac{160}{9} \left(\frac{1}{2} \right) + 3 \left(\frac{160}{9} \right) - 8$	$\frac{4}{5} \left(\frac{160}{9} \right)$
$\frac{80}{9} + \frac{120}{9} - \frac{72}{9}$	$\frac{128}{9}$
$\frac{128}{9}$	$L = RS$
	$\therefore x = \frac{160}{9}$

Class / Homework

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3, 7 a, c, f, 8 -11, 14,15, 16 b,d,f