

12-6-18

Aim: SWBAT solve and check "Combining Like Terms" equations and "Variables On Both Sides" equations.

HW: Packet Page 17 (bottom half)

Test Wednesday

Do Now: Quiz

Solve and check, algebraically.

	A	B
1	<p><i>Combining Like Terms Equation</i></p> $3x + 8x = 55$ $\cancel{11}x = \frac{55}{\cancel{11}}$ $x = 5$	<p><i>Variables on Both Sides</i></p> $55 + 3x = 8x$ $\cancel{-3x} \quad \cancel{-3x}$ <hr/> $\frac{55}{5} = \frac{5x}{5}$ $11 = x$
	<p>CHECK</p> $3x + 8x = 55$ $3 \cdot 5 + 8 \cdot 5 = 55$ $15 + 40 = 55$ $55 = 55$	<p>CHECK</p> $55 + 3x = 8x$ $55 + 3 \cdot 11 = 8 \cdot 11$ $55 + 33 = 88$ $88 = 88$

	A	B
2	$4x - x + 2x - 6 = 11$	$4x - 6 = -11 - x$
	<p>CHECK</p>	<p>CHECK</p>

3	$2x - 5x - 5 = 3$	$2x - 5 = 5x - 3$
	CHECK	CHECK

HOMEWORK

Solve and check, algebraically.

	A	B
4	$8b + 2b = 10$	$-n + 8n = 35$
	CHECK	CHECK