

WARM UP: What do you Notice? Wonder?

Expand

$2(3x)$	$6x$ ✓
$2x(3x) = l(w) = A$	$6x^2$
$3(4x + 3)$	$12x + 9$
$-2x(3x - 4) = l(w)$	$-6x^2 + 8x$ ✓
$2x(3x) - 2x(3x - 4)$	$8x$

$$= 6x^2 - 6x^2 + 8x$$

$$= 8x$$