Algebra 2   Bellwork   Wednesday, September 9, 2015

1. Expand. $(4x - 3)(3x + 7) =$

2. Solve. Put your solution in the space provided. $6x + 4 - 3x + 7 = 5 - 2(x + 3) + 5x + 17$

Solution:

3. Solve. Put your solution in the space provided. $4x - 5(2x + 3) \leq x + 13 - 7x + 2$

Solution:

Algebra 2   Bellwork   Wednesday, September 9, 2015   Answers

1. Expand. $(4x - 3)(3x + 7) =$

	$4x$	-3
$3x$	$12x^2$	$-9x$
$+7$	$+28x$	-21

$12x^2 + 19x - 21$

2. Solve. Put your solution in the space provided. $6x + 4 - 3x + 7 = 5 - 2(x + 3) + 5x + 17$

Solution: No SoL

$3x + 11 = 5 - 2x - 6 + 5x + 17$

$3x + 11 = 3x + 16$

$11 = 16$ TRUE

FALSE STATEMENT

3. Solve. Put your solution in the space provided. $4x - 5(2x + 3) \leq x + 13 - 7x + 2$

Solution: ALL REAL #'s

$4x - 10x - 15 \leq -6x + 15$

$-6x - 15 \leq -6x + 15$

$-15 \leq 15$

TRUE STATEMENT

1