

SM2-A HW #2-3 (Multiply Binomials)

Date _____ Period _____

Find each product.

1) $(p + 1)(3p - 1)$

2) $(2v - 2)(6v + 7)$

3) $(7v + 4)(8v - 7)$

4) $(4n + 3)(2n - 3)$

5) $(7b + 4)(2b + 2)$

6) $(8x + 7)(5x + 2)$

7) $(4 + 5i)(5 + i)$

8) $(5 - 2i)(1 + 3i)$

9) $(6 - 6i)(3 - 8i)$

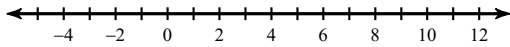
10) $(6 + 3i)(3 - 2i)$

11) $(3 - 7i)(2 + 4i)$

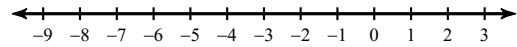
12) $(7m - 1)(3m + 8)$

Solve each compound inequality and graph its solution.

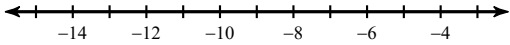
13) $p - 9 > -2$ or $\frac{p}{5} < 0$



14) $\frac{x}{3} \geq -2$ and $x + 5 < 3$

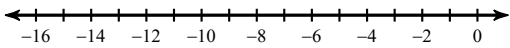


15) $-3 \leq x + 6 \leq -1$



Solve each inequality and graph its solution.

16) $|v + 9| < 6$



17) $|a - 8| > 14$

