

Intro to 6.3 WS

Date _____ Hour _____

Find each product. Hint: FOIL or use the box method.

1) $(4m + 6)(6m + 2)$

2) $(3k + 1)(6k + 1)$

3) $(2b + 3)(8b - 2)$

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

5) $(8n + 7)(4n + 8)$

6) $(4x - 4)(4x + 5)$

7) $(7n + 7)(5n - 1)$

8) $(3k - 8)(5k - 3)$

9) $(4b + 5)(4b + 6)$

10) $(7p + 2)(8p - 2)$

11) $(k - 4)(k + 4)$

12) $(3p - 7)(3p + 7)$

13) $(4x - 3)^2$

14) $(3x + 8)(3x - 8)$

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Find each product. Hint: FOIL or use the box method.

1) $(4m + 6)(6m + 2)$

$$24m^2 + 44m + 12$$

2) $(3k + 1)(6k + 1)$

$$18k^2 + 9k + 1$$

3) $(2b + 3)(8b - 2)$

$$16b^2 + 20b - 6$$

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

$$14p^2 + 45p + 25$$

5) $(8n + 7)(4n + 8)$

$$32n^2 + 92n + 56$$

6) $(4x - 4)(4x + 5)$

$$16x^2 + 4x - 20$$

7) $(7n + 7)(5n - 1)$

$$35n^2 + 28n - 7$$

8) $(3k - 8)(5k - 3)$

$$15k^2 - 49k + 24$$

9) $(4b + 5)(4b + 6)$

$$16b^2 + 44b + 30$$

10) $(7p + 2)(8p - 2)$

$$56p^2 + 2p - 4$$

11) $(k - 4)(k + 4)$

$$k^2 - 16$$

12) $(3p - 7)(3p + 7)$

$$9p^2 - 49$$

13) $(4x - 3)^2$

$$16x^2 - 24x + 9$$

14) $(3x + 8)(3x - 8)$

$$9x^2 - 64$$