

Multiplying Binomials Bell Work

Find the product of the following binomials

1. $(5x + 8)(7x - 9)$

2. $(15x + 10)(15x - 10)$

3. $(9a + 5b)(7a - 3b)$

4. $(6b - 3)(b + 1)$

5. $(2g - 3r)(4g + 9r)$

6. $(a + b)(a + b)$

7. $(2b + 3c)(2b + 3c)$

8. $(6x + 2y)(3x - 4y)$

9. $(4g + 6h)(4g - 6h)$

10. $(2 - 6k)(5 + 4k)$

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Answer:

Find the product of the following binomials

1. $(5x + 8)(7x - 9)$
 $35x^2 + 11x - 72$

2. $(15x + 10)(15x - 10)$
 $225x^2 - 100$

3. $(9a + 5b)(7a - 3b)$
 $63a^2 + 8ab - 15b^2$

4. $(6b - 3)(b + 1)$
 $6b^2 + 3b - 3$

5. $(2g - 3r)(4g + 9r)$
 $8g^2 + 6rg - 27r^2$

6. $(a + b)(a + b)$
 $a^2 + 2ab + b^2$

7. $(2b + 3c)(2b + 3c)$
 $4b^2 + 12bc + 9c^2$

8. $(6x + 2y)(3x - 4y)$
 $18x^2 - 18xy - 8y^2$

9. $(4g + 6h)(4g - 6h)$
 $16g^2 - 36h^2$

10. $(2 - 6k)(5 + 4k)$
 $10 - 22k - 24k^2$

Name: _____ Period: _____ Date: _____

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