Name:

Date:

Multiplying Binomials

Multiply.

1) $(2x + 2)(x + 3) =$

2) $(x + 4)(x + 6)$

3) $(x + 5)(x + 5) =$

4) $(x^2 + 2)(x^2 - 2) =$

5) $(x - 8)(x + 8) =$

6) $(x + 2)(x + 2) =$

7) $(3x + 3)(3x - 4)$

8) $(2x - 3)(2x + 4) =$

9) $(x - 7)(x + 2)$

10) $(x - 7)(x + 7)$

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1) $(2x + 2)(x + 3) =$

$2x^2 + 8x + 6$

2) $(x + 4)(x + 6)$

$x^2 + 10x + 24$

3) $(x + 5)(x + 5) =$

$x^2 + 10x + 25$

4) $(x^2 + 2)(x^2 - 2) =$

$x^4 - 4$

5) $(x - 8)(x + 8) =$

$x^2 - 64$

6) $(x + 2)(x + 2) =$

$x^2 + 4x + 4$

7) $(3x + 3)(3x - 4)$

$9x^2 - 3x - 12$

8) $(2x - 3)(2x + 4) =$

$4x^2 + 2x - 12$

9) $(x - 7)(x + 2)$

$x^2 - 5x - 14$

10) $(x - 7)(x + 7)$

$x^2 - 49$