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Multiplying Polynomials

Practice Worksheet A

1 Practice Problems

Find each product by multiplying the polynomials.

1) $(x + 4)(x + 5)$

5) $(5x - 6)(3x + 9)$

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

6) $(8x - 1)(2x - 3)$

3) $(2x - 8)(x + 6)$

7) $(3x + 2)(x^2 - 2x + 1)$

4) $(2x + 3)(4x - 5)$

8) $(2x^2 - x)(3x - 1)$

Multiplying Polynomials

Practice Worksheet A

1 Practice Problems

Find each product by multiplying the polynomials.

1) $(x + 4)(x + 5)$

$$x^2 + 9x + 20$$

5) $(5x - 6)(3x + 9)$

$$15x^2 + 27x - 54$$

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

$$x^2 + 7x - 18$$

6) $(8x - 1)(2x - 3)$

$$16x^2 - 26x + 3$$

3) $(2x - 8)(x + 6)$

$$2x^2 + 4x - 48$$

7) $(3x + 2)(x^2 - 2x + 1)$

$$3x^3 - 4x^2 - x - 6$$

4) $(2x + 3)(4x - 5)$

$$8x^2 + 2x - 15$$

8) $(2x^2 - x)(3x - 1)$

$$6x^3 - 5x^2 + x$$