

Name: \_\_\_\_\_

Date \_\_\_\_\_

Topic: Multiplying Polynomials - Worksheet 1

Multiply the polynomials

1.  $(2x + 3)(x - 3)$

2.  $(5x + 3)(x - 6)$

3.  $(5x^2 + 3y + 5)(y + 9)$

4.  $(x + 5)(y + 3)$

5.  $(x + 7)^2$

6.  $(6x + 5)(x + 8)$

7.  $(6x + 7)^2$

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

9.  $(5y - 6)^2$

10.  $(9 - 7x)^2$



Name: \_\_\_\_\_

Date \_\_\_\_\_

Topic : Multiplying Polynomials - Worksheet 2

Multiply the polynomials

1.  $(3x + 4)(x - 4)$

2.  $(6x + 4)(x - 7)$

3.  $(6x^2 + 4y + 6)(y + 4)$

4.  $(y + 6)(y + 4)$

5.  $(x + 8)^2$

6.  $(7x + 6)(x + 9)$

7.  $(7x + 8)^2$

8.  $(6x + 3)(8x + 7)$

9.  $(6y - 7)^2$

10.  $(10 - 8x)^2$



Name: \_\_\_\_\_

Date \_\_\_\_\_

Topic : Multiplying Polynomials - Worksheet 3

Multiply the polynomials

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

2.  $(7x + 5)(x - 8)$

3.  $(7x^2 + 5y + 7)(y + 5)$

4.  $(y + 7)(y + 5)$

5.  $(x + 9)^2$

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

7.  $(8x + 9)^2$

8.  $(7x + 4)(9x + 8)$

9.  $(7y - 8)^2$

10.  $(8 - 9x)^2$



Name: \_\_\_\_\_

Date \_\_\_\_\_

Topic : Multiplying Polynomials - Worksheet 4

Multiply the polynomials

1.  $(5x + 6)(x - 6)$

2.  $(8x + 6)(x - 9)$

3.  $(8x^2 + 6y + 8)(y + 6)$

4.  $(y + 8)(y + 6)$

5.  $(x + 10)^2$

6.  $(9x + 8)(x + 3)$

7.  $(9x + 4)^2$

8.  $(8x + 5)(2x + 9)$

9.  $(8y - 9)^2$

10.  $(9 - 3x)^2$



Name: \_\_\_\_\_

Date \_\_\_\_\_

Topic : Multiplying Polynomials - Worksheet 5

Multiply the polynomials

1.  $(6x + 7)(x - 7)$

2.  $(9x + 7)(x - 4)$

3.  $(9x^2 + 7y + 9)(y + 7)$

4.  $(y + 9)(y + 7)$

5.  $(x + 5)^2$

6.  $(6x + 9)(x + 4)$

7.  $(10x + 5)^2$

8.  $(9x + 6)(4x + 3)$

9.  $(9y - 7)^2$

10.  $(10 - 4x)^2$

