

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

Date \_\_\_\_\_

Topic : Addition and Subtraction of Polynomials - Worksheet 1

Add or subtract the polynomials

1.  $(5x + 2) + (4x + 5)$

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

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

4.  $(4x + 3) - (5x + 9)$

5.  $(4x^2 + x) - (x^2 + 2x)$

6.  $9x^2 - 5x^2$

7.  $(6x + 3) + (2x + 5)$

8.  $(3x + 3) + (4x - 5)$

9.  $(8x^2 + 4x) - (2x^2 + 5x)$

10.  $(4x^2 + 4x) + (6x^2 + x)$



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Topic : Addition and Subtraction of Polynomials - Worksheet 1 **ANSWERS**

Add or subtract the polynomials

1.  $9x + 7$

2.  $7x^2 + 6x$

3.  $7x + 1$

4.  $-x - 6$

5.  $3x^2 - x$

6.  $4x^2$

7.  $8x + 8$

8.  $7x - 2$

9.  $6x^2 - x$

10.  $10x^2 + 5x$



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Topic: Addition and Subtraction of Polynomials - Worksheet 2

Add or subtract the polynomials

1.  $(4x + 1) + (6x + 7)$

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

3.  $(2x + 4) + (5x - 1)$

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

5.  $(8x^2 + x) - (x^2 + 3x)$

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

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

8.  $(4x + 2) + (2x - 4)$

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

10.  $(2x^2 + 4x) + (3x^2 + 2x)$



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Topic: Addition and Subtraction of Polynomials - Worksheet 2 **ANSWERS**

Add or subtract the polynomials

1.  $10x + 8$

2.  $5x^2 + 4x$

3.  $7x + 3$

4.  $4x$

5.  $7x^2 - 2x$

6.  $x^2$

7.  $12x + 5$

8.  $6x - 2$

9.  $3x^2 - 5x$

10.  $5x^2 + 6x$



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Topic: Addition and Subtraction of Polynomials - Worksheet 3

Add or subtract the polynomials

1.  $(3x + 5) + (6x + 3)$

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

3.  $(5x + 3) + (7x - 2)$

4.  $(4x + 4) - (3x + 6)$

5.  $(5x^2 + x) - (x^2 + 4x)$

6.  $8x^2 - 3x^2$

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

8.  $(4x + 2) + (2x - 4)$

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

10.  $(2x^2 + 4x) + (3x^2 + 2x)$



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Topic: Addition and Subtraction of Polynomials - Worksheet 3 **ANSWERS**

Add or subtract the polynomials

1.  $9x + 8$

2.  $3x^2 + 3x$

3.  $12x + 1$

4.  $x - 2$

5.  $4x^2 - 3x$

6.  $5x^2$

7.  $12x + 5$

8.  $6x - 2$

9.  $3x^2 - 5x$

10.  $5x^2 + 6x$



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Topic: Addition and Subtraction of Polynomials - Worksheet 4

Add or subtract the polynomials

1.  $(5x + 5) + (7x + 2)$

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

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

4.  $(2x + 3) - (5x + 9)$

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

6.  $4x^2 - 2x^2$

7.  $(3x + 6) + (8x + 4)$

8.  $(5x + 3) + (9x - 6)$

9.  $(3x^2 + 6x) - (8x^2 + 9x)$

10.  $(5x^2 + 8x) + (x^2 + 6x)$



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Topic: Addition and Subtraction of Polynomials - Worksheet 4 **ANSWERS**

Add or subtract the polynomials

1.  $12x + 7$

2.  $6x^2 + 10x$

3.  $9x - 1$

4.  $-3x - 6$

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

6.  $2x^2$

7.  $11x + 10$

8.  $14x - 3$

9.  $-5x^2 - 3x$

10.  $6x^2 + 14x$





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Topic: Addition and Subtraction of Polynomials - Worksheet 5

Add or subtract the polynomials

1.  $(9x + 4) + (6x + 4)$

2.  $(3x^2 + 4x) - (9x - 6x)$

3.  $(8x + 4) + (6x - 7)$

4.  $(3x + 3) - (4x + 8)$

5.  $(6x^2 + 1) - (5x^2 + 4x)$

6.  $6x^2 - 5x^2$

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

8.  $(7x + 2) + (x - 3)$

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

10.  $(7x^2 + 4x) + (9x^2 + 2x)$



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Topic : Addition and Subtraction of Polynomials - Worksheet 5 **ANSWERS**

Add or subtract the polynomials

1.  $15x + 8$

2.  $3x^2 + x$

3.  $14x - 3$

4.  $-x - 5$

5.  $x^2 + 1 - 4x$

6.  $x^2$

7.  $9x + 14$

8.  $8x - 1$

9.  $7x^2 + 5x$

10.  $16x^2 + 6x$

