Name:

Date:

Adding and Subtracting polynomials

simplify each expression.

1) $(12y^2 + 17y - 4) + (9y^2 - 13y + 3) =$

2) $(-3m^2 + m) + (4m^2 + 6m) =$

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

4) $(4r^3 + 3r^4) - (r^4 - 5r^3) =$

5) $(4n - 3n^3) - (3n^3 + 4n) =$

6) $(-x^4 + 13x^5 + 6x^3) + (6x^3 + 5x^5 + 7x^4) =$

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

8) $(-2x^3 + x) - (7x - 3 - 7x^3) =$

9) $(5x^3 + 5x^2 + 5) - (6x^3 - 6x^2 + 8x - 5) =$

10) $(5x^3 + 3x^2 + 5) - (7x^3 - 9x^2 + 8x - 5) =$

11) $7x^4 + x - 2 - 7 - 5x^2 - 4x^4 =$

12) $(6x^4 - 3 - 8x) + (6 + 4x + 8x^4) =$

13) $(3x^4 - 3x) - (3x - 3x^4) =$

14) $(3 - 6n^5 - 8n^4) - (-6n^4 - 3n - 8n^5) =$

15) $(8n - 3n^4 + 10n^2) - (3n^2 + 11n^4 - 7) =$

testinar.com/qr10

QUIZ ?

So Much More Online! Please visit: testinar.com

MORE ?

testinar.com/qrz

Name:

Date:

Adding and Subtracting polynomials

Answers

simplify each expression.

1) $(12y^2 + 17y - 4) + (9y^2 - 13y + 3) = 21y^2 + 4y - 1$

2) $(-3m^2 + m) + (4m^2 + 6m) = m^2 + 7m$

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

4) $(4r^3 + 3r^4) - (r^4 - 5r^3) = 2r^4 + 9r^3$

5) $(4n - 3n^3) - (3n^3 + 4n) = -6n^3$

6) $(-x^4 + 13x^5 + 6x^3) + (6x^3 + 5x^5 + 7x^4) = 18x^5 + 6x^4 + 12x^3$

7) $(-x^2 + x - 4) - (3x^2 - 8x - 2) = -4x^2 + 9x - 2$

8) $(-2x^3 + x) - (7x - 3 - 7x^3) = 5x^3 - 6x + 3$

9) $(5x^3 + 5x^2 + 5) - (6x^3 - 6x^2 + 8x - 5) = -x^3 + 11x^2 + 8x + 10$

10) $(5x^3 + 3x^2 + 5) - (7x^3 - 9x^2 + 8x - 5) = -2x^3 + 12x^2 + 8x + 10$

11) $7x^4 + x - 2 - 7 - 5x^2 - 4x^4 = 3x^4 - 5x^2 + x - 9$

12) $(6x^4 - 3 - 8x) + (6 + 4x + 8x^4) = 14x^4 - 4x + 3$

13) $(3x^4 - 3x) - (3x - 3x^4) = 6x^4 - 6x$

14) $(3 - 6n^5 - 8n^4) - (-6n^4 - 3n - 8n^5) = 2n^5 - 2n^4 + 3n + 3$

15) $(8n - 3n^4 + 10n^2) - (3n^2 + 11n^4 - 7) = -14n^4 + 7n^2 + 8n + 7$

testinar.com/qr10

QUIZ ?

So Much More Online! Please visit: testinar.com

MORE ?

testinar.com/qrz