

A.A.13: Addition and Subtraction of Polynomials 4: Add, subtract, and multiply monomials and polynomials

- 1 The expression $(3x^2 + 2xy + 7) - (6x^2 - 4xy + 3)$ is equivalent to
- 2 The expression $(x^2 - 5x - 2) - (-6x^2 - 7x - 3)$ is equivalent to
- 3 The expression $(2x^2 + 6x + 5) - (6x^2 + 3x + 5)$ is equivalent to
- 4 When $3x^2 - 8x$ is subtracted from $2x^2 + 3x$, the difference is
- 5 When $5x + 4y$ is subtracted from $5x - 4y$, the difference is
- 6 When $3g^2 - 4g + 2$ is subtracted from $7g^2 + 5g - 1$, the difference is
- 7 When $4x^2 + 7x - 5$ is subtracted from $9x^2 - 2x + 3$, the result is
- 8 When $3a^2 - 2a + 5$ is subtracted from $a^2 + a - 1$, the result is
- 9 If $2x^2 - 4x + 6$ is subtracted from $5x^2 + 8x - 2$, the difference is
- 10 When $3x^2 - 2x + 1$ is subtracted from $2x^2 + 7x + 5$, the result will be
- 11 When $-2x^2 + 4x + 2$ is subtracted from $x^2 + 6x - 4$, the result is
- 12 If $2x^2 - x + 6$ is subtracted from $x^2 + 3x - 2$, the result is
- 13 When $3a^2 - 7a + 6$ is subtracted from $4a^2 - 3a + 4$, the result is
- 14 If $2a^2 - 6a + 5$ is subtracted from $3a^2 - 2a + 3$, the result is
- 15 When $8x^2 + 3x + 2$ is subtracted from $9x^2 - 3x - 4$, the result is
- 16 When $2x^2 - 3x + 2$ is subtracted from $4x^2 - 5x + 2$, the result is
- 17 What is the result when $4x^2 - 17x + 36$ is subtracted from $2x^2 - 5x + 25$?
- 18 What is the result when $6x^2 - 13x + 12$ is subtracted from $-3x^2 + 6x + 7$?
- 19 What is the result when $2x^2 + 3xy - 6$ is subtracted from $x^2 - 7xy + 2$?
- 20 When $6x^2 - 4x + 3$ is subtracted from $3x^2 - 2x + 3$, the result is
- 21 Subtract $5x^2 - 7x - 6$ from $9x^2 + 3x - 4$.
- 22 Subtract $2x^2 - 5x + 8$ from $6x^2 + 3x - 2$ and express the answer as a trinomial.

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1 ANS:

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

REF: 080423a

2 ANS:

$$7x^2 + 2x + 1$$

REF: 060511a

3 ANS:

$$-4x^2 + 3x$$

REF: 010707a

4 ANS:

$$-x^2 + 11x$$

REF: 010523a

5 ANS:

$$-8y$$

REF: 061130ia

6 ANS:

$$4g^2 + 9g - 3$$

REF: 080819ia

7 ANS:

$$5x^2 - 9x + 8$$

REF: 060923ia

8 ANS:

$$-2a^2 + 3a - 6$$

REF: 010019a

9 ANS:

$$3x^2 + 12x - 8$$

REF: 060019a

10 ANS:

$$-x^2 + 9x + 4$$

REF: 080020a

11 ANS:

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

REF: 080209a

12 ANS:

$$-x^2 + 4x - 8$$

REF: 010429a

13 ANS:

$$a^2 + 4a - 2$$

REF: 010619a

14 ANS:

$$a^2 + 4a - 2$$

REF: spring9805a

15 ANS:

$$x^2 - 6x - 6$$

REF: 061226ia

16 ANS:

$$2x^2 - 2x$$

REF: 061322ia

17 ANS:

$$-2x^2 + 12x - 11$$

REF: 011429ia

18 ANS:

$$-9x^2 + 19x - 5$$

REF: 081428ia

19 ANS:

$$-x^2 - 10xy + 8$$

REF: 011126ia

20 ANS:

$$-3x^2 + 2x$$

REF: 061414ia

21 ANS:

$$4x^2 + 10x + 2$$

REF: 080123a

22 ANS:

$$4x^2 + 8x - 10$$

REF: 010934a