



1. The value of $(x^2y - 4x^2 + 8xy + 4) + (-8x^2y^2 - x^2 + 2xy + 7y)$ is

- (i) $(-8x^2y^2 + 3x^2y - 5x^2 + 10xy + 7y + 4)$ (ii) $(-7x^2y^2 + x^2y - 5x^2 + 10xy + 7y + 4)$
(iii) $(-9x^2y^2 + x^2y - 5x^2 + 10xy + 7y + 4)$ (iv) $(-8x^2y^2 - x^2y - 5x^2 + 10xy + 7y + 4)$
(v) $(-8x^2y^2 + x^2y - 5x^2 + 10xy + 7y + 4)$

2. The value of $(-7ij - 2i - 3j) + (9hi - j - 9)$ is

- (i) $(9hi - 10ij - 2i - 4j - 9)$ (ii) $(8hi - 7ij - 2i - 4j - 9)$ (iii) $(10hi - 7ij - 2i - 4j - 9)$ (iv) $(9hi - 4ij - 2i - 4j - 9)$
(v) $(9hi - 7ij - 2i - 4j - 9)$

3. The value of $(-4n + 2o - 1) - (9no - 5o - 14)$ is

- (i) $(-9no - 7n + 7o + 13)$ (ii) $(-8no - 4n + 7o + 13)$ (iii) $(-10no - 4n + 7o + 13)$ (iv) $(-9no - 4n + 7o + 13)$
(v) $(-9no - 2n + 7o + 13)$

4. The value of $(8e^2f + e^2 - 5ef + 9f) - (-19e^2f^2 + 4f^2 - f - 9)$ is

- (i) $(19e^2f^2 + 6e^2f + e^2 - 5ef - 4f^2 + 10f + 9)$ (ii) $(20e^2f^2 + 8e^2f + e^2 - 5ef - 4f^2 + 10f + 9)$
(iii) $(19e^2f^2 + 11e^2f + e^2 - 5ef - 4f^2 + 10f + 9)$ (iv) $(18e^2f^2 + 8e^2f + e^2 - 5ef - 4f^2 + 10f + 9)$
(v) $(19e^2f^2 + 8e^2f + e^2 - 5ef - 4f^2 + 10f + 9)$

5. The value of $(-4qr - 6rs - 3s) - (-7qrs + 4qr - 8r)$ is

- (i) $(6qrs - 8qr - 6rs + 8r - 3s)$ (ii) $(7qrs - 8qr - 6rs + 8r - 3s)$ (iii) $(8qrs - 8qr - 6rs + 8r - 3s)$
(iv) $(7qrs - 11qr - 6rs + 8r - 3s)$ (v) $(7qrs - 5qr - 6rs + 8r - 3s)$

6. The value of $(e^2 - 8e + 5) + (5e^2 - 7e - 6)$ is

- (i) $(4e^2 - 15e - 1)$ (ii) $(6e^2 - 15e - 1)$ (iii) $(5e^2 - 15e - 1)$ (iv) $(8e^2 - 15e - 1)$ (v) $(7e^2 - 15e - 1)$

7. The value of $(-9j^5 + 9j^3 - 3) + (-8j^5 - j^4 + 5j)$ is

- (i) $(-15j^5 - j^4 + 9j^3 + 5j - 3)$ (ii) $(-18j^5 - j^4 + 9j^3 + 5j - 3)$ (iii) $(-16j^5 - j^4 + 9j^3 + 5j - 3)$
(iv) $(-17j^5 - j^4 + 9j^3 + 5j - 3)$ (v) $(-20j^5 - j^4 + 9j^3 + 5j - 3)$

8. The value of $(-9j + 4) - (6j - 6)$ is

- (i) $(-13j + 10)$ (ii) $(-17j + 10)$ (iii) $(-16j + 10)$ (iv) $(-15j + 10)$ (v) $(-14j + 10)$

9. The value of $(-3c^2 + 6c - 3) - (-5c^2 + 3c + 4)$ is

- (i) $(3c - 7)$ (ii) $(4c^2 + 3c - 7)$ (iii) $(3c^2 + 3c - 7)$ (iv) $(2c^2 + 3c - 7)$ (v) $(c^2 + 3c - 7)$

10. The value of $(-j^4 - 7j^2 + 5) - (2j^5 - 5j + 5)$ is

- (i) $(-j^5 - j^4 - 7j^2 + 5j)$ (ii) $(-5j^5 - j^4 - 7j^2 + 5j)$ (iii) $(j^5 - j^4 - 7j^2 + 5j)$ (iv) $(-2j^5 - j^4 - 7j^2 + 5j)$
(v) $(-3j^5 - j^4 - 7j^2 + 5j)$

Assignment Key

1) (v)

2) (v)

3) (iv)

4) (v)

5) (ii)

6) (ii)

7) (iv)

8) (iv)

9) (iv)

10) (iv)