



1. The value of $(-8v^2 + 6vw - 9w^2 + 6w) + (-5v^2w^2 + 7v^2w + 9w^2 - 9w)$ is

- (i) $(-5v^2w^2 + 5v^2w - 8v^2 + 6vw - 3w)$
- (ii) $(-6v^2w^2 + 7v^2w - 8v^2 + 6vw - 3w)$
- (iii) $(-5v^2w^2 + 10v^2w - 8v^2 + 6vw - 3w)$
- (iv) $(-5v^2w^2 + 7v^2w - 8v^2 + 6vw - 3w)$
- (v) $(-4v^2w^2 + 7v^2w - 8v^2 + 6vw - 3w)$

2. The value of $(-9rs + 7r - 7st) + (4rt - st - 8s)$ is

- (i) $(-9rs + rt + 7r - 8st - 8s)$
- (ii) $(-8rs + 4rt + 7r - 8st - 8s)$
- (iii) $(-9rs + 4rt + 7r - 8st - 8s)$
- (iv) $(-9rs + 6rt + 7r - 8st - 8s)$
- (v) $(-10rs + 4rt + 7r - 8st - 8s)$

3. The value of $(3cd - 6c - 9) - (-15c + 6d + 5)$ is

- (i) $(3cd + 6c - 6d - 14)$
- (ii) $(2cd + 9c - 6d - 14)$
- (iii) $(3cd + 11c - 6d - 14)$
- (iv) $(4cd + 9c - 6d - 14)$
- (v) $(3cd + 9c - 6d - 14)$

4. The value of $(5r^2 - 4rs^2 - 2rs + 3s^2) - (3r^2s + 3rs^2 - 5s^2 - 6)$ is

- (i) $(-3r^2s + 5r^2 - 7rs^2 - 2rs + 8s^2 + 6)$
- (ii) $(-3r^2s + 3r^2 - 7rs^2 - 2rs + 8s^2 + 6)$
- (iii) $(-3r^2s + 7r^2 - 7rs^2 - 2rs + 8s^2 + 6)$
- (iv) $(-2r^2s + 5r^2 - 7rs^2 - 2rs + 8s^2 + 6)$
- (v) $(-4r^2s + 5r^2 - 7rs^2 - 2rs + 8s^2 + 6)$

5. The value of $(5wxy - wx - 9w) - (-5wxy - 7wy - 2w)$ is

- (i) $(9wxy - wx + 7wy - 7w)$
- (ii) $(10wxy - wx + 7wy - 7w)$
- (iii) $(11wxy - wx + 7wy - 7w)$
- (iv) $(10wxy - 3wx + 7wy - 7w)$
- (v) $(10wxy + 2wx + 7wy - 7w)$

6. The value of $(-9a^2 + 9a - 3) + (7a^2 - 7a - 1)$ is

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

7. The value of $(m^3 + 3m + 8) + (-4m^3 - 6m + 8)$ is

- (i) $(-5m^3 - 3m + 16)$
- (ii) $(-4m^3 - 3m + 16)$
- (iii) $(-2m^3 - 3m + 16)$
- (iv) $(-3m^3 - 3m + 16)$
- (v) $(-3m + 16)$

8. The value of $(-4q + 7) - (6q + 9)$ is

- (i) $(-10q - 2)$
- (ii) $(-9q - 2)$
- (iii) $(-13q - 2)$
- (iv) $(-11q - 2)$
- (v) $(-8q - 2)$

9. The value of $(-2m^2 - 5m - 3) - (2m^2 - 3m - 8)$ is

- (i) $(-5m^2 - 2m + 5)$
- (ii) $(-6m^2 - 2m + 5)$
- (iii) $(-4m^2 - 2m + 5)$
- (iv) $(-2m^2 - 2m + 5)$
- (v) $(-3m^2 - 2m + 5)$

10. The value of $(8c^3 - 4c^2 - c) - (-6c^3 + c - 9)$ is

- (i) $(11c^3 - 4c^2 - 2c + 9)$
- (ii) $(13c^3 - 4c^2 - 2c + 9)$
- (iii) $(15c^3 - 4c^2 - 2c + 9)$
- (iv) $(16c^3 - 4c^2 - 2c + 9)$
- (v) $(14c^3 - 4c^2 - 2c + 9)$

Assignment Key

1) (iv)

2) (iii)

3) (v)

4) (i)

5) (ii)

6) (iv)

7) (iv)

8) (i)

9) (iii)

10) (v)