Name: Like and Unlike Terms

Chapter: Fundamental Concepts

Grade: ICSE Grade VIII

License: Non Commercial Use

- 1. Which of the following terms is a like term of 9?
 - (i) $(-5q^3)$ (ii) 9 (iii) $(-q^4)$ (iv) $9q^2$ (v) (-7q)
- 2. Which of the following terms is a like term of (-9n)?
 - (i) $(-3n^2)$ (ii) 9 (iii) $8n^4$ (iv) $5n^3$ (v) 3n
- 3. Which of the following terms is a like term of 4s?
 - (i) $(-2s^2)$ (ii) (-6s) (iii) 9 (iv) $8s^3$ (v) $(-9s^4)$
- 4. Which of the following terms can be added to 5 b?
 - (i) $(-7b^3)$ (ii) $(-b^4)$ (iii) 2 (iv) $(-b^2)$ (v) 6b
- 5. Which of the following terms can be added to $(-d^4)$?
 - (i) 8 (ii) $8a^3$ (iii) (-9a) (iv) $(-5a^4)$ (v) $8a^2$
- 6. Which of the following terms can be subtracted from $(-2k^4)$?
 - (i) k^3 (ii) 4k (iii) $(-k^2)$ (iv) k^4 (v) 5
- 7. Which of the following terms can be subtracted from (-9r)?
 - (i) (-6) (ii) 7r (iii) $(-8r^4)$ (iv) $5r^3$ (v) $(-4r^2)$
- 8. Which of the following is a like term of vwx?
 - (i) 7vwx (ii) 8v (iii) (-8vx) (iv) 8wx (v) 9vw
- 9. Which of the following is a like term of $(-9f^2g^2)$?
 - (i) $7q^2$ (ii) (-fq) (iii) (-3) (iv) 2q (v) $5t^2q^2$
- 10. Which of the following is a like term of $(-4d^2e^2)$?
 - (i) $(-8c^2d^2)$ (ii) $(-3d^2e^2)$ (iii) $2d^2$ (iv) $(-7c^2)$ (v) (-9e)
- 11. Which of the following terms can be added to 2 op?
 - (i) (-80q) (ii) 60 (iii) p (iv) (-8) (v) (-60p)
- 12. Which of the following terms can be added to $(-r^2t^2)$?
 - (i) $(-7r^2s)$ (ii) (-8rs) (iii) $(-9rs^2t^2)$ (iv) $(-9st^2)$ (v) $(-7r^2t^2)$

13. Which of the following terms can be subtracted from 4 ij?

(i)
$$(-9jk)$$
 (ii) $(-9j)$ (iii) (-2) (iv) $(-3i)$ (v) $(-9ij)$

14. Which of the following terms can be subtracted from $7g^2h$?

(i)
$$7gh^2i$$
 (ii) $(-7i)$ (iii) 7 (iv) $2g$ (v) $(-g^2h)$

15. Which of the following is a like term of $2h^2ig$?

(i)
$$7gh^2i$$
 (ii) $7gh^2i^2$ (iii) $8ghi$ (iv) $(-3ghi^2)$ (v) $4g^2h^2i^2$

16. Which of the following is a like term of $(-6qr^2p)$?

(i)
$$2p^2qr^2$$
 (ii) $(-3pqr^2)$ (iii) $(-pq^2r^2)$ (iv) $4pq^2r$ (v) $(-2p^2qr)$

17. Which of the following terms can be added to $(-2f^2eg)$?

(i)
$$8e^2fg^2$$
 (ii) $2e^2fg$ (iii) $5ef^2g$ (iv) $(-4e^2f^2g^2)$ (v) $8efg^2$

18. Which of the following terms can be added to (-5cbd)?

(i)
$$(-b^2cd^2)$$
 (ii) $7b^2c^2d$ (iii) $7b^2c^2d^2$ (iv) $9bcd$ (v) $(-9bc^2d)$

19. Which of the following terms can be subtracted from $7 w^2 x^2 v$?

(i)
$$(-9vw^2x^2)$$
 (ii) $6v^2w^2x$ (iii) vw^2x (iv) $6v^2wx$ (v) v^2wx^2

20. Which of the following terms can be subtracted from $(-8s^2tr)$?

(i)
$$8r^2s^2t^2$$
 (ii) $(-2r^2st)$ (iii) $(-3rs^2t^2)$ (iv) $(-9rs^2t)$ (v) $2rst$

Assignment Key					
1) (ii)	2) (v)	3) (ii)	4) (v)	5) (iv)	6) (iv)
7) (ii)	8) (i)	9) (v)	10) (ii)	11) (v)	12) (v)
13) (v)	14) (v)	15) (i)	16) (ii)	17) (iii)	18) (iv)
19) (i)	20) (iv)				

Copyright © Small Systems Computing Pvt. Ltd.