



1. The value of $v \times v \times v$ is

- (i) v^3 (ii) $(-2v^3)$ (iii) $2v^3$ (iv) $3v^3$ (v) 0

2. The value of $5k \times (-3k) \times (-k) \times (-2)$ is

- (i) $(-30k^3)$ (ii) $(-28k^3)$ (iii) $(-32k^3)$ (iv) $(-31k^3)$ (v) $(-29k^3)$

3. The value of $4r^2 \times (-9r^2)$ is

- (i) $(-37r^4)$ (ii) $(-39r^4)$ (iii) $(-35r^4)$ (iv) $(-36r^4)$ (v) $(-33r^4)$

4. The value of $(-3e^2) \times 5e^2 \times (-5e^2)$ is

- (i) $75e^6$ (ii) $76e^6$ (iii) $73e^6$ (iv) $74e^6$ (v) $77e^6$

5. The value of $(-2c+4) \times (5c+5)$ is

- (i) $(-11c^2+10c+20)$ (ii) $(-10c^2+10c+20)$ (iii) $(-12c^2+10c+20)$ (iv) $(-7c^2+10c+20)$
(v) $(-9c^2+10c+20)$

6. The value of $(-5m^2+6m+3) \times (-5m^2+6m+7)$ is

- (i) $(23m^4-60m^3-14m^2+60m+21)$ (ii) $(25m^4-60m^3-14m^2+60m+21)$
(iii) $(26m^4-60m^3-14m^2+60m+21)$ (iv) $(28m^4-60m^3-14m^2+60m+21)$
(v) $(24m^4-60m^3-14m^2+60m+21)$

7. The value of $(-3e^2+6e+7) \times (e^2-7e-5)$ is

- (i) $(-2e^4+27e^3-20e^2-79e-35)$ (ii) $(27e^3-20e^2-79e-35)$ (iii) $(-3e^4+27e^3-20e^2-79e-35)$
(iv) $(-6e^4+27e^3-20e^2-79e-35)$ (v) $(-4e^4+27e^3-20e^2-79e-35)$

8. The value of $(-7q-3) \times (q^2-8) \times (-8q^2-2q)$ is

- (i) $(57q^5+38q^4-442q^3-304q^2-48q)$ (ii) $(53q^5+38q^4-442q^3-304q^2-48q)$
(iii) $(58q^5+38q^4-442q^3-304q^2-48q)$ (iv) $(56q^5+38q^4-442q^3-304q^2-48q)$
(v) $(55q^5+38q^4-442q^3-304q^2-48q)$

9. The value of $\frac{1}{2} \times \frac{4}{5} u \times \frac{1}{4} u$ is

- (i) $\frac{1}{8} u^2$ (ii) $(-\frac{1}{10} u^2)$ (iii) $\frac{3}{10} u^2$ (iv) $\frac{1}{10} u^2$ (v) $\frac{1}{12} u^2$

10. The value of $\frac{1}{2} \times \frac{3}{4} \times \frac{1}{2} \times \frac{1}{3}$ is

- (i) $\frac{1}{14}$ (ii) $\frac{1}{18}$ (iii) $\frac{3}{16}$ (iv) $(-\frac{1}{16})$ (v) $\frac{1}{16}$

11. The value of $\frac{3}{4} v \times \frac{3}{4} v$ is

- (i) $\frac{11}{16} v^2$ (ii) $\frac{9}{16} v^2$ (iii) $\frac{7}{16} v^2$ (iv) $\frac{1}{2} v^2$ (v) $\frac{9}{14} v^2$

12. The value of $\frac{1}{3} z \times \frac{1}{2} z^2 \times \frac{1}{5} z$ is

- (i) $\frac{1}{32} z^4$ (ii) $\frac{1}{28} z^4$ (iii) $\frac{1}{10} z^4$ (iv) $\frac{1}{30} z^4$ (v) $(-\frac{1}{30} z^4)$

Assignment Key

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|----------|---------|---------|---------|----------|----------|
| 1) (i) | 2) (i) | 3) (iv) | 4) (i) | 5) (ii) | 6) (ii) |
| 7) (iii) | 8) (iv) | 9) (iv) | 10) (v) | 11) (ii) | 12) (iv) |

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