EduSahara™ Assignment

Name : Multiplication

Chapter : Algebraic Expressions

Grade : SSC Grade VIII

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

   (i) e^3 (ii) 0 (iii) $2e^3$ (iv) $4e^3$ (v) $(-e^3)$

2. The value of $2 \times 3q \times (-4q) \times 4q$ is

   (i) $(-94q^3)$ (ii) $(-95q^3)$ (iii) $(-96q^3)$ (iv) $(-97q^3)$ (v) $(-99q^3)$

3. The value of $(-3r^2) \times (-6r)$ is

   (i) $16r^3$ (ii) $20r^3$ (iii) $17r^3$ (iv) $18r^3$ (v) $19r^3$

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

   (i) $(-77e^4)$ (ii) $(-81e^4)$ (iii) $(-82e^4)$ (iv) $(-79e^4)$ (v) $(-80e^4)$

5. The value of $(5b-7) \times (-6b-9)$ is

   (i) $(-31b^2-3b+63)$ (ii) $(-28b^2-3b+63)$ (iii) $(-33b^2-3b+63)$ (iv) $(-29b^2-3b+63)$

   (v) $(-30b^2-3b+63)$

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

   (i) $(-5p^4+42p^3-7p^2+18p-24)$ (ii) $(-4p^4+42p^3-7p^2+18p-24)$ (iii) $(-7p^4+42p^3-7p^2+18p-24)$

   (iv) $(-6p^4+42p^3-7p^2+18p-24)$ (v) $(-2p^4+42p^3-7p^2+18p-24)$

7. The value of $(8m^2+5m+2) \times (4m^2+m+4)$ is

   (i) $(31m^4+28m^3+45m^2+22m+8)$ (ii) $(32m^4+28m^3+45m^2+22m+8)$

   (iii) $(34m^4+28m^3+45m^2+22m+8)$ (iv) $(33m^4+28m^3+45m^2+22m+8)$

   (v) $(30m^4+28m^3+45m^2+22m+8)$

8. The value of $(-9p^2+9p) \times (9p^2-9) \times (5p^2+9)$ is

   (i) $(-406p^6+405p^5-324p^4+324p^3+729p^2-729p)$ (ii) $(-405p^6+405p^5-324p^4+324p^3+729p^2-729p)$

   (iii) $(-403p^6+405p^5-324p^4+324p^3+729p^2-729p)$

   (iv) $(-407p^6+405p^5-324p^4+324p^3+729p^2-729p)$

   (v) $(-404p^6+405p^5-324p^4+324p^3+729p^2-729p)$

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

(i) $\frac{1}{20}n^2$ (ii) $(-\frac{1}{20}n^2)$ (iii) $\frac{1}{22}n^2$ (iv) $\frac{1}{18}n^2$ (v) $\frac{3}{20}n^2$

10. The value of $\frac{3}{5}v \times \frac{1}{2} \times \frac{2}{3}v \times \frac{1}{2}$ is

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

11. The value of $\frac{1}{2}v \times \frac{1}{3}v^2$ is

(i) $\frac{1}{2}v^3$ (ii) $\frac{1}{8}v^3$ (iii) $\frac{1}{6}v^3$ (iv) $\frac{1}{4}v^3$ (v) $(-\frac{1}{6}v^3)$

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

(i) $\frac{4}{25}b^4$ (ii) $\frac{2}{23}b^4$ (iii) 0 (iv) $\frac{2}{27}b^4$ (v) $\frac{2}{25}b^4$

Assignment Key

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