EduSahara™ Assignment

Name : Multiplication

Chapter : Algebraic Expressions

Grade : SSC Grade VIII

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

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

2. The value of $(-3) \times 1 \times 4u \times 5u$ is

   (i) $(-59u^2)$ (ii) $(-62u^2)$ (iii) $(-57u^2)$ (iv) $(-61u^2)$ (v) $(-60u^2)$

3. The value of $3z \times 7z$ is

   (i) $22z^2$ (ii) $21z^2$ (iii) $18z^2$ (iv) $24z^2$ (v) $20z^2$

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

   (i) $47x^4$ (ii) $51x^4$ (iii) $48x^4$ (iv) $49x^4$ (v) $46x^4$

5. The value of $(-9y+1) \times (-9y-6)$ is

   (i) $(78y^2+45y-6)$ (ii) $(82y^2+45y-6)$ (iii) $(80y^2+45y-6)$ (iv) $(84y^2+45y-6)$ (v) $(81y^2+45y-6)$

6. The value of $(2k^2-2k+6) \times (9k^2-6k+7)$ is

   (i) $(19k^4-30k^3+80k^2-50k+42)$ (ii) $(20k^4-30k^3+80k^2-50k+42)$ (iii) $(17k^4-30k^3+80k^2-50k+42)$

   (iv) $(15k^4-30k^3+80k^2-50k+42)$ (v) $(18k^4-30k^3+80k^2-50k+42)$

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

   (i) $(q^4+8q^3-12q^2+16q-4)$ (ii) $(3q^4+8q^3-12q^2+16q-4)$ (iii) $(7q^4+8q^3-12q^2+16q-4)$

   (iv) $(5q^4+8q^3-12q^2+16q-4)$ (v) $(4q^4+8q^3-12q^2+16q-4)$

8. The value of $(-9x^2+8) \times (6x+8) \times (3x^2-9x)$ is

   (i) $(-162x^5+270x^4+792x^3-240x^2-576x)$ (ii) $(-161x^5+270x^4+792x^3-240x^2-576x)$

   (iii) $(-164x^5+270x^4+792x^3-240x^2-576x)$ (iv) $(-163x^5+270x^4+792x^3-240x^2-576x)$

   (v) $(-159x^5+270x^4+792x^3-240x^2-576x)$

9. The value of $\frac{1}{2}k \times \frac{1}{3}k \times \frac{2}{5}k$ is

   (i) $\frac{1}{17}k^3$ (ii) $\frac{1}{15}k^3$ (iii) $(-\frac{1}{15}k^3)$ (iv) $\frac{1}{13}k^3$ (v) $\frac{1}{5}k^3$

10. The value of $\frac{1}{4}g \times \frac{2}{5}g \times \frac{1}{2} \times \frac{1}{5}g$ is

(i) $(-\frac{1}{100}g^3)$ (ii) $\frac{1}{100}g^3$ (iii) $\frac{3}{100}g^3$ (iv) $\frac{1}{98}g^3$ (v) $\frac{1}{102}g^3$

11. The value of $\frac{1}{3}y \times \frac{1}{5}y$ is

(i) $\frac{1}{5}y^2$ (ii) $(-\frac{1}{15}y^2)$ (iii) $\frac{1}{13}y^2$ (iv) $\frac{1}{17}y^2$ (v) $\frac{1}{15}y^2$

12. The value of $\frac{2}{3}q^2 \times \frac{1}{4}q^2 \times \frac{1}{5}q$ is

(i) $\frac{1}{28}q^5$ (ii) $\frac{1}{30}q^5$ (iii) $\frac{1}{32}q^5$ (iv) $\frac{1}{10}q^5$ (v) $(-\frac{1}{30}q^5)$

Assignment Key

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

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