



ST. LAWRENCE HIGH SCHOOL

A Jesuit Christian Minority Institution

ANSWER SHEET - 20

CLASS -VI

SUBJECT -ALGEB & GEOM CHAPTER 14 - FUNDAMENTAL OPERATIONS

F.M - 15

Date -13.05.20

TOPIC - SUBTRACTION OF MONOMIALS

I. Multiple choice questions : (Select the correct option)

(15)

Subtract the following monomials :

1. $17p - 15p$

a) **2p** b) $3p$ c) $5p$ d) none of these .

2. $16m - (-4m)$

a) $3m$ **b) 20m** c) $5m$ d) none of these .

3. $5a - 6a$

a) $8a$ b) $4a$ **c) -1a** d) none of these .

4. $-6b - (-13b)$

a) $5b$ b) $-9b$ **c) 7b** d) none of these .

5. $0 - (-3ab)$

a) $2ab$ **b) + 3ab** c) $4ab$ d) none of these .

6. $(a^4) - (-a^4)$

a) $11a^3$ b) $1a^4$ **c) 2a^4** d) none of these .

7. $(-8a^4b^3) - (-8a^4b^3)$

a) 1 **b) 0** c) $16a^4b^3$ d) none of these .

8. $8(a + b + c) - 3(a + b + c)$

a) 5(a + b + c) b) $3a + b + c$ c) $7(a + b + c)$ d) none of these .

9. $-5xyz - 6xyz$

a) $-5xyz$ b) $10xyz$ **c) -11xyz** d) none of these .

10. $3y$ from $5y$

a) $-3y$ b) $3y$ **c) 2y** d) none of these.

11. $-6a^2b$ from $10a^2b$

a) $6a^2b$ b) $10a^2b$ **c) $16a^2b$** d) none of these.

12. $4b^2$ from $-3b^2$

a) $4b^2$ **b) $-7b^2$** c) $14b^2$ d) none of these.

13. $50pqr$ from $30pqr$

a) $80pqr$ **b) $-20pqr$** c) $60pqr$ d) none of these.

14. $2a$ from $7a$

a) $7a$ **b) $5a$** c) $8a$ d) none of these.

15. $14n^3$ from $15n^3$

a) 2 **b) $1n^3$** c) $3n^3$ d) none of these.

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