



2nd CHECK POINT 2023-24

Name: _____ **Grade: VII** **Subject: Mathematics.** **/25**

Q1: Multiple Choice Questions.

/5

1. $3x^2 + (-3x^2) =$ _____ ($-x$, 0 , 1)
2. $4x \times .3x =$ _____ ($12x^2$, $12x$, none)
3. $2(3x+2) =$ _____ ($6x^2 + 6$, $6x + 6$, both)
4. $X^2 + X^2 + X^2 =$ _____ ($2x$, $3x^2$, 9)
5. $-8 \div (-2) =$ _____ (4 , -4 , 8)

Q2: Fill in the blanks.

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1. Abbreviation of BODMAS is _____.
2. $3x^2+x+3$ is an _____ expression.
3. $X(x-3) =$ _____
4. $-(-x^2 - x - 1) =$ _____
5. $6^3 =$ _____

Q3: Expand and simplify each of the following expression.

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1. $7(2a+1) - 4(8a+3)$
2. $3(2b-1) - 2(5b-3)$

Q4: Find each of the following.

/4

1. $12 \times 5x$
2. $(-3x) \times (-10x)$

Q5: Factorize each of the following expressions.

/6

1. $a^2 + 9a + 8$
2. $b^2 + 8b + 15$
3. $d^2 - 16d + 28$