

Identify the number of terms in the below expression.

$$5x^2 + 4y^2 + 3z^2 + 100$$

2

3

4

Number of Terms

https://pschool.in/algebraic-expression/no-of-terms_3



Identify the number of factors in the underlined term.

$$5x^3 + \underline{4x^2y} + 3y^4$$

2

3

4

Number of Factors

https://pschool.in/algebraic-expression/no-of-factors_3



Match Like Terms

$5xy$

$19x^2$

54

$6x^2y$

$8x^2y^2$

$12x^2$

$12xy$

$10x^2y$

$21x^2y^2$

45

Match Like Terms

https://pschool.in/algebraic-expression/match_3

*Simplify Algebraic Expressions*

$$4x + 5x - 3y - 2y$$

Ans =

Simplify

https://pschool.in/algebraic-expression-2/simplify_12



Add the Algebraic Expressions

$$y^2 - 2y + 3$$

$$y^2 + 7y - 6$$

$$y^2 - 3y + 5$$

$$3y^2 + 2y + 2$$



Addition

https://pschool.in/algebraic-expression-2/add_10



Subtract the second from the first.

$$5x - 3y - 5$$

$$3x - 5y - 7$$

$$2x + 2y + 2$$



Subtraction

https://pschool.in/algebraic-expression-2/subtract_7



Multiply

$$4x(2x^2 + 4x - 3)$$

Ans = $8x^3 + 16x^2 - 12x$

Multiply

https://pschool.in/algebraic-expression-2/multiply_11



Division

$$\frac{8x^3 + 16x^2 - 12x}{4x}$$

Ans = $2x^2 + 4x - 3$

Division

https://pschool.in/algebraic-expression-2/division_10

