

Algebraic Expressions Guided Notes

1. How can we simplify $2x(3x^2 + 4x^5)$?
2. Write $2x \times \frac{(5y-y)}{2}$ in a simplified form.
3. Evaluate the algebraic expression for the given value $x = 10$.
 $5(x + 2) \div 2x - 14$.
4. The Pentagon building in Washington, D.C., is shaped like a regular pentagon. If the length of one side of the Pentagon is represented by $n + 2$, find the perimeter?

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Problem 1

Simplify $\frac{(2^2 - 2)}{\sqrt{2}}$

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PROBLEM 2

Simplify $x^3(x^4 + 5x^2)$

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PROBLEM 3

Simplify $2x \frac{(6x - 4x)}{2}$

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