

Chapter 1 Quiz

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Section 1.1 - Variables and Expressions

1. Write a verbal expression for each algebraic expression:
 - (a) $n + 4$
 - (b) $6n^2$
2. Write an algebraic expression for each verbal expression
 - (a) six less than a number
 - (b) the difference of a number squared and 8

Section 1.2 - Order of Operations

1. Evaluate
 - (a) $(8 - 4) * 2$
 - (b) $24/3 * 2 - 3^2$

Section 1.3 - Properties of Numbers

1. Name two properties that can help you solve algebraic equations and evaluate mathematical expressions.
 - (a)
 - (b)

Section 1.4 - Distributive Property

1. Use the distributive property to rewrite. Then evaluate or simplify
 - (a) $6(8 + 10(2 + 3))$
 - (b) $2(a^2 + 3ab) - 5ab$