

## Chapter 2 - Sample Test

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# Chapter 2 - Evaluating and Simplifying Algebraic Expressions

1. Section 2.5 Combine like terms:  $2pq - 4 - 7pg + 5$ .      1. \_\_\_\_\_
2. Section 2.3 Write with exponents:  $-3abba$ .      2. \_\_\_\_\_
3. Section 2.1 Evaluate:  $-8 + 9(-2 + 3)$ .      3. \_\_\_\_\_
4. Section 2.4 Using the distributive property, write the factored form of  $3a - 21$ .      4. \_\_\_\_\_
5. Section 2.2 Evaluate  $4x^2 - y^2$ , where  $x = 3$ ,  $y = -2$ .      5. \_\_\_\_\_
6. Section 2.5 Simplify:  $3(m - 1) - 2(m + 3)$ .      6. \_\_\_\_\_
7. Section 2.4 Apply the distributive property:  $(9a - 2)4$ .      7. \_\_\_\_\_
8. Section 2.3 Find the product:  $-(3p^2q)(-3pq^2)(-5p)$ .      8. \_\_\_\_\_
9. Section 2.5 Identify like terms:  $-4m^2 + 9 - 2m^2 - 6$ .      9. \_\_\_\_\_
10. Section 2.2 Determine the perimeter and area of a rectangle that measures 3.1 ft by 8.3 ft.      10. \_\_\_\_\_
11. Section 2.3 Given  $m = 4$  and  $n = 3$ , evaluate  $3m^2n$ .      11. \_\_\_\_\_

Chapter 2 of this Algebra Math Book has 5 Sections.

- [Sec2.1](#)      Section2.1-Order of Operations and Grouping Symbols
- [Sec2.2](#)      Section2.2-Evaluating Algebraic Expressions-Applications to Geometry
- [Sec2.3](#)      Section2.3-Positive Exponents
- [Sec2.4](#)      Section2.4-Using the Distributive Property
- [Sec2.5](#)      Section2.5-Simplifying Algebraic Expressions

For a complete listing of the objectives in this chapter visit the [List of Objectives](#).