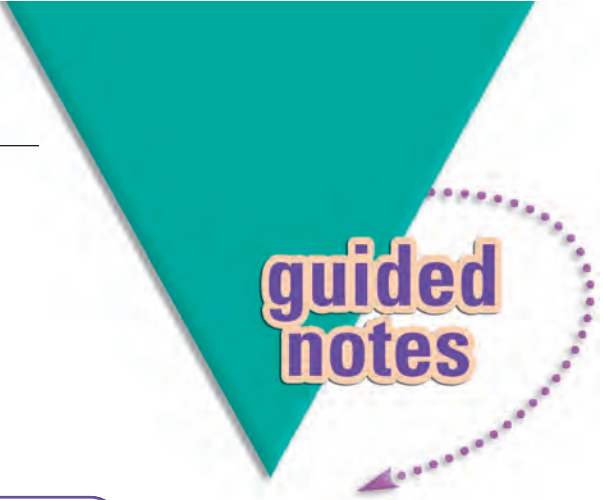


NAME _____

Module 1 Getting Ready for Algebra
Lesson 5 Applying the Order of Operations



guided
notes

Lesson Objective

- Apply the order of operations to evaluate mathematical expressions.

Order of Operations

- Evaluate first operations that appear in **parentheses** _____ or other grouping symbols.
- Do all calculations involving **exponents** _____.
- Complete all **multiplication** _____ and division in order from left to right.
- Complete all addition and **subtraction** _____ in order from left to right.

Please Excuse My Dear Aunt Sally stands for:

- P** **arentheses and grouping symbols** _____
- E** **xponents** _____
- M** **ultiplication** _____ and **D** **ivision** _____
- A** **ddition** _____ and **S** **ubtraction** _____

- | | | |
|---|---|---|
| 1 Evaluate: $20 - 2 \cdot 2$
16 _____ | 2 Evaluate: $16 \div (-4) + 10(3)$
26 _____ | 3 Evaluate: $12 \div 4 \cdot 2(-1) \div 6$
-1 _____ |
| 4 Evaluate: $12 - 4^2$
-4 _____ | 5 Evaluate: $18 \div (-3)^2 - 7$
-5 _____ | 6 Evaluate: $-1(1 + 5)^2 \div 9$
-4 _____ |
| 7 Evaluate: $\frac{9^2 - 3^3}{(-2)^4 + 11}$
2 _____ | 8 Evaluate: $ 9 \cdot [3 - (-4)] $
63 _____ | 9 Evaluate: $[18 \div (9 - 7) + 6] - (4 - 10)$
21 _____ |

