

Algebra II

1-2

Examples:

Simplifying Expressions

Order of Operations

1)

2)

3)

4)

Evaluate.

*1) $24 \div 4(3)$

*2) -2^2

Formal Definition of Absolute Value -

Use one of the symbols $<$, $=$, or $>$ to make a true statement.(pg 10)

1) $5 \cdot 1$ $5 \div 1$

Simplify.

11a) $11 - 3 + 5 - 2$

11b) $11 - (3 + 5) - 2$

11c) $11 - (3 + 5 - 2)$

Evaluate each expression if $x = 3$, $y = 2$, and $z = 5$.

29) $\frac{4z^3}{x^2 - y^2}$

□

Evaluate each expression for the given values of the variables.

41) $\frac{3u^2 - 2(v - 3)^2}{2(u^2 - 1) - v^2}$; $u = 4$, $v = 5$

Assignment: pg. 10 2-50 even
