

Algebra Bellwork - September 13, 2011

Simplify the expression

$$4^2 - 3 \cdot 4 + (8 \div 2)^3$$

$$4^2$$
$$4 \cdot 4$$

$$4^3$$
$$4 \cdot 4 \cdot 4$$
$$16 \cdot 4$$
$$64$$

$$4^2 - 3 \cdot 4 + 4^3$$

$$16 - 3 \cdot 4 + 64$$

$$16 - 12 + 64$$

$$4 + 64$$
$$68$$

- 1) Parenthesis
- 2) Exponents
- 3) Multiplication and Division (left to right)
- 4) Addition and Subtraction (left to right)

Use the same page as yesterday

Power



Can not
can't

Simplify

$$25 - 8 \cdot 2 + 3^2$$

$$25 - 8 \cdot 2 + 9$$

$$25 - 16 + 9$$

$$9 + 9$$

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Simplify

$$3 \cdot 6 - 4^2 \div 2$$

$$3 \cdot 6 - 16 \div 2$$

$$18 - 8$$

$$10$$

Simplify

$$(5 + 3) \div 2 + (5^2 - 3)$$

$$8 \div 2 + (25 - 3)$$

$$8 \div 2 + 22$$

$$4 + 22$$

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