

# Quiz 1.1 Review

- Simplifying Expressions w/ PEMDAS
- Evaluating Expressions
- Number Properties

① P  
② E  
③ M/D  
④ A/S

## Evaluating:

$x=5$   $y=-3$   $z=2$

$2y^2 - xz$

$2(-3)^2 - (5)(2)$

$2(-3)^2 - (5)(2)$

8

⑧

## Simplifying:

$\frac{3}{2}(10) + (6 - 5 \cdot 4)$

$\frac{3}{2}(10) + (6 - 20)$

$\frac{3}{2}(10) + -14$   
 $15 + -14$

$\sqrt{13 + (-4)(1)}$

$\sqrt{13 + -4}$

$\sqrt{9}$  ③

①

## Number Properties:

State the property shown  
 $6 + 4 - 5 = 4 + 6 - 5$

Switch order

COMMUTATIVE

$(2 + 3) + x = 2 + (3 + x)$

Associative

$3(2x - 4) = 6x - 12$

$3(2x) - 3(4)$   
Distributive

3

$\sqrt{13 + (-4)(1)}$

3

$\frac{3}{2}(10) + (6 - 5 \cdot 4)$

1