

## Warm - Up, Sept. 9/6

Count the number of operations, name the operations using the correct order and then simplify the expression

$$20 \div 2 - \frac{6}{2}$$

10 - 3 = 7

# Example 1

Count the number of operators, discuss the order of the operations and then simplify.

↓      ↓      ↓      ↓

$$4 + 8 = 12 \div 4 = 3 \times 2 = 6$$

$$14 \overset{3}{\downarrow} - 10 \overset{4}{\downarrow} + 8 \overset{1}{\downarrow} \div 4 \overset{2}{\downarrow} \times 2$$

$$14 - 10 + 2 \times 2$$

$$14 - 10 + 4$$

$$4 + 4$$

$$8$$

### Example 3

Count the number of operations, name the operations using the correct order and then simplify the expression.

$$1 + 2 \times 3 + 4$$

Handwritten annotations in red:

- Number 2 above the first plus sign.
- Number 1 above the multiplication sign.
- Number 2 above the second plus sign.
- Number 3 above the number 4.
- Below the expression:  $1 + 6 + 4$
- Below that:  $7 + 4$
- At the bottom:  $11$  circled.



**Homework (Due Wed, 9/12)**  
**p.5 (5-12)**