

Name: _____

Homework 10/15

- 1) When simplifying the following expression which operation should go first?

$$8 - 6 \div 3 \times 7 + 2$$

- a. $6 \div 3$
 - b. $8 - 6$
 - c. 3×7
 - d. $7 + 2$
- 2) When simplifying the expression which operation should Betty do first?

$$3 + (9 \times 7) - 10 \div 2$$

- a. Add
- b. Subtract
- c. Multiply
- d. Divide

- 3) The table show a procedure for simplifying the expression

$$24 \div 6 \times 3 + 5 - 2 \quad \text{In which step does the **first** error occur?}$$

- a. Step 1
- b. Step 2
- c. Step 3
- d. Step 4

Step	Application
Step 1	$4 \times 3 + 5 - 2$
Step 2	$4 \times 8 - 2$
Step 3	$32 - 2$
Step 4	30

- 4) John bought 3 pants for \$25 each and paid with a \$100 bill. Which expression represents this word problem?

- a. $3 \times 25 - 100$
- b. $(100 \times 25) - 3$
- c. $100 - 3 \times 25$
- d. $100 \times 3 - 25$

- 5) A price of a shirt is \$100. The store manager gave a discount of \$50. A man and his brother bought 4 shirts, then split the cost evenly. Which expression represents this word problem?

- a. $(100 - 50) \times 4 \div 2$
- b. $(100 - 50) \times 4$
- c. $50 - 4 \div 2$
- d. $50 \times 4 \div 2$