Homework 10/30

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

8 – 6 ÷ 3 x 7 + 2

   a. 6 ÷ 3

   b. 8 – 6

   c. 3 x 7

   d. 7 +2

2) When simplifying the expression which operation should Betty do first?

3 + (9 x 7) – 10 ÷ 2

   a. Add

   b. Subtract

   c. Multiply

   d. Divide

3) The table show a procedure for simplifying the expression

24 ÷ 6 x 3 + 5 – 2   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 x 3 + 5 – 2
Step 2	4 x 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 x 25 – 100

   b. (100 x 25) – 3

   c. 100 – 3 x 25

   d. 100 x 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) x 4 ÷ 2

   b. (100 – 50) x 4

   c. 50- 4 ÷ 2

   d. 50 x 4 ÷ 2