Math 10 – Unit 1 – REVIEW of 1.1 to 1.9 $\,$

To the Test – be sure to bring:

- (1) your personally-prepared 8 ½ " by 11" study guide for this test
- (2) your simple, non-graphing calculator and
- (3) your pencils
- 1. What is the word name for the following number: 3,468,207
- 2. What is the standard (numerical) form of the written number: Fifteen billion, two hundred twelve million, five
- 3. Tay is trying to limit herself to 1500 calories per day. Her breakfast was 270 calories; her lunch was 450 calories; and her supper was 820 calories. Was she over or under her daily limit and by how much?

4. TJ budgeted \$238 for books and \$94 less than that for art supplies. How much was budgeted for art supplies?

5. KT opened a checking account by depositing \$50. Checks were written for the month in the amounts of \$12, \$85, and \$13. Additional deposits of \$55 and \$225 were made. What was the total of all deposits and checks and the balance at the end of the month?

6. Round each of the following addends to the nearest ten thousand and estimate the sum.

14,287 + 38,739 + 32,356

7. JG was in charge of mailing batch letters. So far, the five batches mailed contained 195, 538, 689, and 239 letters. Rounding each batch to the nearest hundred, approximately how many letters (in hundreds) were mailed?

- 8. Fill in the blank with the correct symbol (less than or greater than): 15 _____ 21
- 9. (4 pts) A room has the dimensions 11 ft by 13 ft. Tile costs \$2 per square foot. What will be the cost to tile the floor of this room?



Answer: It will cost \$_____ to tile the room.

10. Find the area of the following figure.

Answer: The total area is ______ ft²



11. Complete: $5 \div 0 = _$ and $0 \div 5 = _$

12. Divide:

13. Evaluate: 9²

14. Evaluate: $5^1 = _$ and $5^0 = _$

15. Which of the following is a true statement?

A.
$$3,608 = (3 \cdot 10^3) + (6 \cdot 10^2) + (8 \cdot 10^0)$$

B. $3,608 = (3 \cdot 10^4) + (6 \cdot 10^3) + (8 \cdot 10^1)$

16. Round 364,594,308 to one significant digit and write the results in Scientific Notation.

17. Evaluate:
$$3^2 \div (2+1) + 7$$

18. Evaluate
$$(2^3 + 3)^2 + 36 \div 3 \bullet 4$$

19. Translate "Forty plus nine is seven squared" into an equation.

20. Translate "Fifteen minus three is seven less than nineteen" into an equation.