Name: _____ **Date:** _____

PRE-TEST 1 Whole Numbers

Vocabulary

Fill in the blanks.
Use the words in the box.

rounding
compare
value
front-end estimation

1. Each digit in a number has a _____ that is determined by its position or place in the number.

2. To _____ two numbers, decide whether one number is greater than, less than, or equal to the other number.

3. When _____ a number to the nearest hundred, check the digit in the tens place.

4. _____ uses the value of the leading digits to estimate sums and differences.

Concepts and Skills

Write your answer in the space given.

5. Write 15,732 in word form.

_____

6.   Write 6 ten thousands in standard form.

_____

Find the value of the digit 4 in each number.

7.   **a.** 841,679 _____   **b.** 427,153 _____

Complete. Express each number in expanded form.

8.   **a.** 76,480 = 70, 000 + _____ + 400 + _____

   b. 620,315 = _____ + _____ + 300 + 10 + 5

Compare the numbers. Fill each ◯ with < or >.

9.   **a.** 76,200 ◯ 67,900

   b. 2,435,932 ◯ 2,805,743

Order the numbers from greatest to least.

10.   355,410   374,875   374,248

_____

Round each number to the nearest hundred.

11.   **a.** 37,923 _____   **b.** 56,379 _____

Estimate the sum or difference by rounding each number to the nearest thousand.

12. $4,182 + 6,893$

13. $9,731 - 2,890$

Estimate each sum or difference by using front-end estimation.

14. $562 + 814$

15. $937 - 486$

Estimate each product or quotient.

16. $2,742 \times 7$

17. $6,502 \div 9$

Problem Solving

Solve. Show your work.

18. Ms. Carlson has $7,145. Ms. Lee has $3,799.

    a. Who has more money?

    b. Estimate the total amount of money they have.

19. The length of a rectangular field is 315 feet. The width is 175 feet. Use front-end estimation to find the area of the rectangular field.