Name: Date:

Assignment: Homework Class:

**Directions:** Read and solve each problem below. In order to receive full credit, you must show all of your work.

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| 1. Consider the number 832,951,076  (a)  Write the number in words.  (b)  What digit is in the ten thousands place? \_\_\_\_\_\_  (c)  What is the value of the digit 3 in this number? \_\_\_\_\_\_\_\_\_\_\_  (d) What number is 100,000 more than this number? \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 2. Complete the following regular number pattern: 20, 15, 10, 5, \_\_\_\_\_\_, \_\_\_\_\_\_ , \_\_\_\_\_\_   |  | | --- | |  | |
| 3. Jonas has $100. He wants to buy a game that costs $69.20, a book that costs $19.95. Does he have enough money to also buy a watch that costs 22.80? Use estimation. |
| 4. 2/5 of the children in a club are girls.  (a)  If there are 35, how many children are girls?  (b)  How many are boys? |
| 5. A rectangular swimming pool measures 24 m by 16 m.       1. Write a formula for the area of a rectangle, and then use the formula to find the area of the pool. 2. A concrete path 2 m wide is paved around the swimming pool. What is the area of the path? |