

Student Name _____

Date: _____

Bits and Pieces III Pre-Assessment

Directions: Solve the following problems. Show your work.

1. Gasoline Problem

a) Christian's family drove to Santa Fe to visit his grandmother. They used 5.25 gallons of gas. It cost \$3.05 per gallon. How much did they pay for the gas?

b) Ericka's family drove to Los Lunas to see her aunt. They paid \$7.25 less for gas than Christian's family. How many gallons did Ericka's family use? Give your answer to the nearest hundredths place.

2. a. Vanessa has $5 \frac{1}{4}$ pounds of grapes. She gave $2 \frac{2}{3}$ pounds to Ximena. How many pounds of grapes does Vanessa have left?

b. Nancy's mother has $42 \frac{1}{8}$ yards of curtain material. She used $35 \frac{5}{6}$ yards. How many yards does she have left?

3. Joselyn has a 12 ounce can of coke and she drinks 6.8 ounces. Tre has a 20 ounce bottle of coke and he drinks 14.94 ounces.

How many ounces does Joselyn have left?

How many ounces does Tre have left?

Who has more coke left?

4. Omar took 4.86 days off to visit his grandmother. Andrea took $4\frac{3}{8}$ days off for vacation. Who took more days off? _____ How many days more?

5. Compute the following problem: $\frac{1}{4} - \frac{1}{2} =$ _____. Show how you can use a number line to find the answer.

