Name: _____

Solve the following problems **without a calculator**. You _MUST_ show your work. ***NO WORK = NO CREDIT.***

1. Philip is going on a 4000-kilometer road trip with three friends. The car consumes 6 liters of gas per 100 kilometers, and gas costs $1.50 per liter. If Philip and his friends want to split the cost of gas evenly, how much should they each pay?	2. -12.5 + 9.75 - 3.7 =
3. ⅔ - ¼ - ⅚ =	4. In the last ten games, Percy made 7/12 of his free throws. For the same period, Tariq made 4/7 of his free throws. Which player has the better free throw record? Explain.

Solve the following problems **without a calculator**. You _MUST_ show your work. ***NO WORK = NO CREDIT.***

1. On Monday, Rob averaged 3.75 laps per minute. On Tuesday, he averaged 3 ⅚ laps per minute. On which day did Rob run faster? Explain.	2. -3 ¾ ÷ ⅓ =
3. -½ x (-⅔) =	4. Maria's favorite candy bar has 230 Calories. The nutrition label states that ⅞ of the calories come from fat. How many calories in the candy bar come from fat?

Name: _____

Solve the following problems **without a calculator**. You <u>*MUST*</u> show your work. ***NO WORK = NO CREDIT.***

1. Jose bought 2.55 pounds of turkey. One pound of turkey costs $4.99. Before tax, how much did Jose pay for the turkey?	2. Doug has a shelf 9 ¾ inches long for storing CDs. Each CD is ⅜ inch wide. How many CDs will fit on one shelf?
3. What is the product of -7 ⅔ and -⅜ ?	4. -22.12 ÷ 2.8 =

Solve the following problems **without a calculator**. You <u>*MUST*</u> show your work. ***NO WORK = NO CREDIT.***

1. A box of cereal contains 15 ⅗ ounces of cereal. If a bowl holds 2 ⅖ ounces of cereal, how many bowls of cereal are in one box?	2. Jeri has two posters. One is 4 ¼ feet wide and the other is 5 ⅛ feet wide. Will the two posters fit beside each other on a wall that is 10 feet wide? Explain.
3. 4.81(3.7 - 4.62) =	4. -40 + 8 (½) ÷ 2 =