

Name: _____

Homework WEEK 5

Solve the following problems without a calculator. You MUST show your work.
IPS strategy must be used on all Word Problems.
NO WORK = NO CREDIT.

MONDAY

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. $\frac{2}{3} - \frac{1}{4} - \frac{5}{6} =$	4. In the last ten games, Percy made $\frac{7}{12}$ of his free throws. For the same period, Tariq made $\frac{4}{7}$ of his free throws. Which player has the better free throw record? Explain.

TUESDAY

1. On Monday, Rob averaged 3.75 laps per minute. On Tuesday, he averaged $3\frac{1}{2}$ laps per minute. On which day did Rob run faster? Explain.	2. $-3\frac{3}{4} \div \frac{1}{3} =$
3. $-\frac{1}{2} \times (-\frac{2}{3}) =$	4. Maria's favorite candy bar has 230 Calories. The nutrition label states that $\frac{7}{8}$ of the calories come from fat. How many calories in the candy bar come from fat?

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WEDNESDAY

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 $9\frac{3}{4}$ inches long for storing CDs. Each CD is $\frac{3}{8}$ inch wide. How many CDs will fit on one shelf?
3. What is the product of $-7\frac{2}{3}$ and $-\frac{3}{8}$?	4. $-22.12 \div 2.8 =$

THURSDAY

1. A box of cereal contains $15\frac{3}{8}$ ounces of cereal. If a bowl holds $2\frac{3}{8}$ ounces of cereal, how many bowls of cereal are in one box?	2. Jeri has two posters. One is $4\frac{1}{4}$ feet wide and the other is $5\frac{1}{8}$ 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. $-40 + 8(\frac{1}{2}) \div 2 =$