Name:		Rotation:
Find the equivalent for the fraction/decimal/percent.		#12
Fractions	Decimal	Percent
$\frac{4}{7}$		
	2.05	
		0.05%
Use lined paper to complete the following questions, if needed.		
What is the quotient of 42.05 and 0.5?	What do you call two numbers whose GCF = 1?	Find the divisibility rule for 9's.
Find the product of 3.9 and 1.4.	What is the GCF and LCM of 8 and 14?	Google 2 real world examples of multiplying with decimals. Be ready to share those examples

Review - - -

3.12 Decimal Word Problems

1. Megan buys 5 boxes of cookies for $3.75 each. What is her change from $20.00?

2. Will subscribes to a monthly sports magazine. His one-year subscription costs $29.97. If he pays for the subscription in 3 equal installments, how much is each payment?

3. Pat purchases 2.5 pounds of jelly beans at $0.98 per pound. What is his change from $10.00?

4. Acer Middle School spends $1,443.20 on 55 math books. How much does each book cost?

5. The Junior Beta Club needs to raise $1,513.75 to go to a national convention. The parents donated $850.00. If they decide to sell candy bars at $1 each to earn the rest of the money, about how many must they sell to meet their goal?

Extend your learning - - - try your best on these, we have not covered this yet in class. If you get stuc bring your questions to class.

4.5 Finding the Percent of a Total

Example 8: 800 people came to the high school football game. Sixty-five percent of the people came to cheer for the home team. How many people came to cheer for the home team?

Step 1: Change 65% to a decimal. $65\% = 0.65$.

Step 2: Multiply the percent by the number of people who attended the game.
$800 \times 0.65 = 520$

Answer: **520 people came to cheer the home team.**

Carefully read the problems below and solve.

1. Lyla baked 200 cupcakes for the school bake sale. She sold 80% of them. How many did she sell?

2. Hill's Department Store had a one day sale on footballs just before the start of the fall football season. They started the day with 1,000 footballs, and sold 87 percent of the footballs. How many footballs did the store have left at the end of the day?