

Name: _____ Date _____ Period _____

1. Using one of the division algorithms learned in class, explain how to divide fractions.
2. Find the greatest common factor of 84 and 52.
3. Find the least common multiple for 7 and 9.
4. $24 \overline{)5904}$ _____
5. $10.58 + 4.6 + 20 =$ _____
6. $(2.65)(3.2)$ _____
7. $\frac{7}{12} \div \frac{3}{4} =$ _____
8. $72 - 3.56 =$ _____
9. $3\frac{4}{5} \div \frac{2}{3} =$ _____
10. Jessica buys cat food every 8 days and dog food every 10 days. If she buys both kinds of pet food today, in how many days will she next buy both kinds of pet food?
11. The quarterback threw the football $40\frac{1}{3}$ yards over 5 plays. How many yards did the quarterback average per play?
12. Sandy used 15.75 yards of ribbon to make bows for the dance. If each bow required 0.5 yards of ribbon, how many bows did she make?

13. Jack has twelve pounds of coffee. He wants to repackage the coffee into bags of size $\frac{1}{3}$ pound. How many bags of coffee can he make?
14. Using the distributive property, write an expression that is equivalent to $24+18 =$ _____.
15. Elliott is cutting a roll of cookie dough into pieces that are $\frac{1}{2}$ inch thick. If the roll of cookie dough is $6\frac{1}{4}$ inches long, how many cookies can he make?
- Draw a model
 - Show the algorithm
16. Nikki has \$10 to buy school supplies. She buys 6 folders that are \$0.79 each. She spends the remaining money buying pencils that are \$0.29 each. How many pencils can she buy?
17. A shelf has a width of $28\frac{3}{4}$ inches. If DVDs have a width of $\frac{1}{2}$ inch, how many DVDs can be placed on the shelf?
18. Ms. Ford was giving away treats in math last Tuesday. She gave every 6th person who had their math notebook a ticket and every 24th person who had their math notebook a lollipop. Which person would be the first to get both a sticker and a lollipop?