

Name: _____

End of Module#2 - Study Guide

1. What is the quotient of $154,504 \div 28$?
2. Divide $223,692 \div 42$ using the standard algorithm. Use paper to show your work.
3. Evaluate the expression $12.75 \div$ by 1.5

4. Consider the expression $35.86 \div 2.2$

- Part A: In the expression below, what values of (a) and (b) can be used to convert the dividend and divisor to whole numbers?

$$\frac{35.86 \times a}{2.2 \times b}$$

The value of (a) can be which of the following choices: 2 5 10 100

The value of (b) can be which of the following choices: 2 5 10 100

- Part B: What is the quotient of 35.86 (divided) 2.2?
5. Tania has a roll of cloth that is 52.5 feet long. She uses the cloth to make scarves that are each 3.75 feet long. How many scarves can Tania make?
 6. Jasmine ran 98.4 minutes. Throughout her run, she ran at a pace of 8.2 minutes per mile. How many miles did Jasmine run?
 7. Gary found 72 shells and 40 coins at the beach. He wants to give them to some of his friends. Each friend will receive the same number of shells and the same number of coins. What is the greatest number of friends Gary can give shells and coins to? How many shells will each friend receive? How many coins?
 - Part A: The greatest number of friends Gary can give shells and coins to is: 2 4 8 9 or 10
 - Part B: Each friend will receive 2 4 5 8 9 shells and 2 4 5 8 9 coins.

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8. One container of ice cream holds 9 scoops of ice cream. One package of ice cream cones has 12 cones. We want to make the fewest number of ice cream cones, with one scoop of ice cream on each cone and no ice cream or cones left over. How many containers of ice cream and packages of cones should be purchased? How many ice cream cones will we be able to make?

- The fewest number of ice cream cones we will be able to make is _____.
- We need to purchase _____ containers of ice cream and _____ packages of ice cream cones.