



Vocabulary

divisor:

dividend:

In this activity, you will divide a whole number by another whole number and write the quotient as a fraction.

1. Explain the difference between

a. 1 divided by 3 and 2 divided by 6


b. 4 divided by 5 and 5 divided by 4

2. Decide if the following is correct and explain why.

Tomas reasoned that if the result of 2 divided by 12 is $\frac{1}{6}$, then the result of 4 divided by 12 would be twice as much.



3. Answer each of the following. How much would each person get if
- a. 3 people equally share 8 pies? _____
 - b. 4 people equally share 8 pies? _____
 - c. 3 people equally share 2 pies? _____
 - d. 4 people equally share 2 pies? _____

4.  If 6 art students wanted to equally share 4 pounds of clay, how many pounds of clay would each student receive? Complete the number line to solve the problem. Then write a division and multiplication sentence to show your reasoning.

