

MY Homework

Lesson 6

Division Models with Greater Numbers

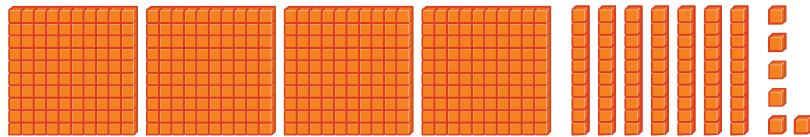
Homework Helper



Need help? connectED.mcgraw-hill.com

At the arcade, Jamie and her friends won 476 tickets playing games. The four friends share 476 tickets equally. How many tickets will each friend receive? Find $476 \div 4$.

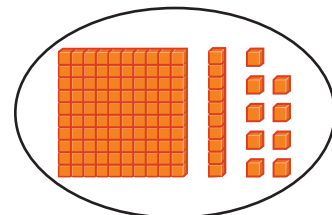
1 Model 476 using base-ten blocks.



2 Divide the hundreds into 4 groups.

How many hundreds are in each group? 1

Group 1

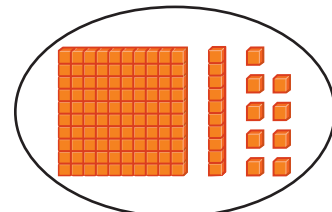


3 There are a total of 7 tens. Divide the tens into 4 groups.

How many tens are in each group? 1

How many tens are left over? 3

Group 2



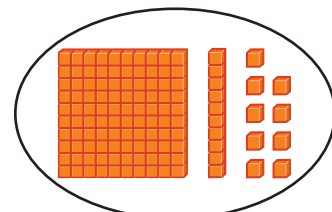
4 Regroup the remaining tens into 30 ones.

There are a total of 36 ones.

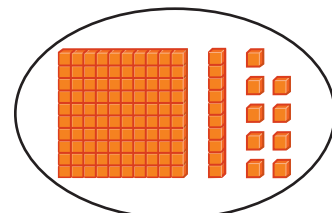
Divide the ones into 4 groups.

How many ones are in each group? 9

Group 3



Group 4



Each group has 1 hundred, 1 ten, and 9 ones.

So, each friend will receive 119 tickets.

Check Use multiplication to check your answer.

$$119 \times 4 = 476$$

Practice


Use models to find each quotient. Draw the equal groups.

1. $328 \div 2 =$ _____

2. $443 \div 3 =$ _____



Problem Solving

3. **PRACTICE**  **Model Math** Denny volunteered to sell 372 refreshments at a sports game. He helped for 3 hours. If he sold an equal number of items each hour, how many items did he sell each hour? Draw models to help you find the quotient.

4. Faith earned \$565 last week. She earned the same amount each day. If she worked 5 days, how much did she earn each day? Draw models to help you find the quotient.
