

NAME _____

Module 2 Whole Number Operations
Lesson 4 Large Numbers: Division

Lesson Objective

- Develop and use a variety of algorithms with computational fluency to perform whole number operations using division (up to two-digit divisor) and interpretation of remainders, including **real-world problems**.

Subtopics 1 and 2

Finding a Reasonable Quotient or Estimation and Partial Quotients Method for Division

Partial Quotients Method

- Find all the _____ quotients.
- Add the _____ to get the final quotient.

$$3 \overline{)234}$$

$$3 \times \underline{\quad} = 240$$

$$3 \times \underline{\quad} = 210$$

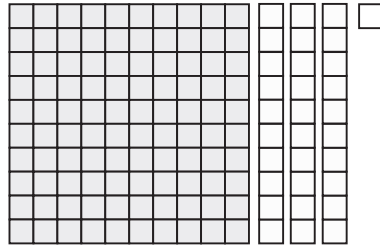
So, the quotient is between ____ and ____

Solve using Partial Quotients.

- 1 Harrison drove 715 miles. His average speed was 55 miles per hour. How many hours was the trip?
- 2 At the sports' banquet, 864 people are sitting at 72 tables. If the number of people at each table is the same, how many people are sitting at each table?

Subtopic 3**Division Using Base Ten Blocks**

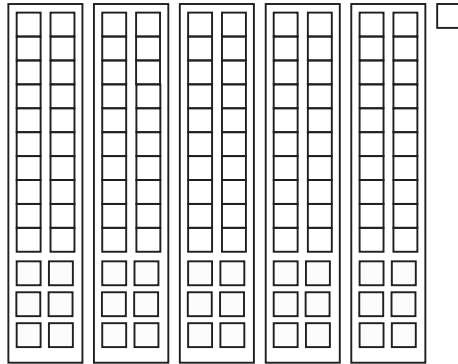
To divide 131 by 5, rearrange ___ hundreds-block, ___ tens-blocks, and ___ ones-block



into ___ equal groups of ___ with ___ ones-block left over.

$$5 \overline{)131}$$

$$131 \div 5 =$$

**3**

Model.

$$4 \overline{)135}$$

4

Divide.

$$4 \overline{)127}$$

Subtopic 4**Interpreting Remainders****Interpreting Remainders**

- _____ the remainder.
- _____ the quotient.
- Use the remainder as the _____ or to get an _____.

5

Cate invites 188 people to her wedding reception. How many tables are needed if each table seats six people?

6

There are 49 people trying out for a football team. The team will be divided into groups of 11 players each. The rest of the people will be on the practice squad. How many people will be on the practice squad?