

MY Homework

Lesson 4

Hands On: Relate Division and Multiplication

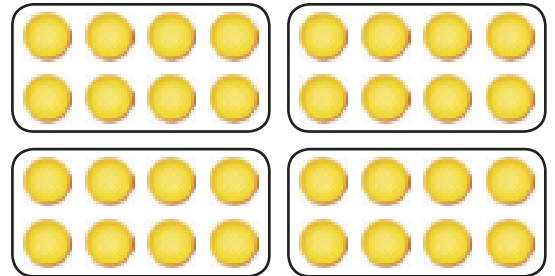
Homework Helper



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Find $32 \div 4$.

1 Model 32 counters divided into 4 equal groups. There are 8 counters in each group.



2 Write a division sentence.

$$\begin{array}{ccccccc}
 32 & \div & 4 & = & 8 \\
 \uparrow & & \uparrow & & \uparrow \\
 \text{dividend} & & \text{divisor} & & \text{quotient}
 \end{array}$$

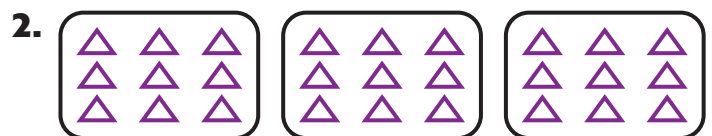
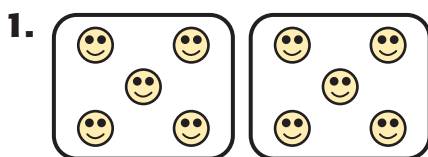
3 Write a multiplication sentence.

$$\begin{array}{ccccccc}
 4 & \times & 8 & = & 32 \\
 \uparrow & & \uparrow & & \uparrow \\
 \text{number of} & & \text{number in} & & \text{number in all} \\
 \text{groups} & & \text{each group} & &
 \end{array}$$

So, $32 \div 4 = 8$.

Practice

Write a related division and multiplication sentence for each.






Problem Solving

Draw a model to solve. Then write a division sentence.

3. 42 students need to divide equally into 7 vans going to the museum. How many students will be in each van?

4. **Mathematical PRACTICE**  **Model Math** Carla is giving out pencils to 30 students. The students are divided equally among 6 tables. How many pencils will Carla leave at each table?

5. Mr. Rina has 7 glass figures. He will use 1 box to mail each glass figure to a customer. How many boxes does Mr. Rina need?

My Drawing!

Vocabulary Check



Use the vocabulary to label each number in the division sentence.

quotient

divisor

dividend

6.

$$48 \div 8 = 6$$

8.

7.