

name: _____

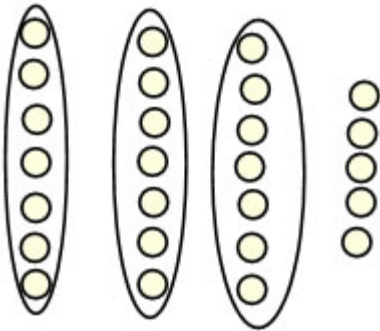
1. Write the number sentence shows how the dividend, divisor, quotient and remainder in the following division problem are related using multiplication and addition:

$$26 \div 8 = 3 \text{ R } 2$$

2. Interpret $26 \div 8 =$ as a partition division problem. What does it mean? (26 divided into?) Sketch what it would look like if you make a partition division diagram for the problem.

3. Interpret $26 \div 8 =$ as a measurement division problem. What does it mean? (26 divided into?) Sketch what it would look like if you make a measurement division diagram for the problem.

4. Could this be a diagram for $26 \div 3$? Why or why not? If not, what division problem could it be a diagram for (if any)?



5. For each word problem, tell your answer, and tell whether the answer is the quotient, the remainder or something else (explain what else it is).

A. 20 pencils are shared between 6 children. How many pencils should each child get?

B. 6 eggs can fit in a small egg carton. I need to put 20 eggs in egg cartons. How many egg cartons do I need?

C. Ms. Jensen has 40 pencils. She wants to put the same number of pencils at each of 6 tables, and she will put any extra pencils away in her drawer. How many pencils will she put in her drawer?

6. Write a division word problem for $14 \div 4$ where the answer is

A. The quotient

B. The remainder

C. One more than the quotient