Figure 2.2: Problem Type Identification Task

Act out the problems using drawings, and then determine the specific problem type within the categories of addition, subtraction, multiplication, or division.

1. There are 36 students in the marching band. They stand in rows of 4 each. How many rows of students are there in the band?

2. Zachary bought 7 boxes of cupcakes. There are 4 cupcakes in each box. How many cupcakes did Zachary buy?

3. Bonita has a bookcase with 4 shelves. She wants to put an equal number of books on each shelf. She has 20 books. How many books should she place on each shelf?

4. A restaurant puts 4 slices of cheese on each sandwich. How many sandwiches can be made with 12 slices of cheese?

5. Marni has 32 stuffed animals. Eight of them are cats, and the rest are dogs. How many stuffed animal dogs does Marni have?

6. Taylor has 15 toys. She puts the toys into 5 bags with the same number of toys in each bag. How many toys are in each bag?

7. The students on the bus sit in 6 rows with 5 students in each row. How many students are on the bus?

8. Tam is 3 feet tall. Her father is twice as tall as she is. How tall is her father?

9. Rashid has some video games. He buys 12 more. Now he has 34 video games. How many did he have to start?

10. The house is 24 feet tall. It is 3 times as tall as the tree. How tall is the tree?