name:_____

Solve these word problems. Include labels or explanations to make your solution strategy clear and easy to follow

1. Peter has two hamsters: JoJo and Fuzzy. JoJo weighs 3/4 as much as Fuzzy weighs. If JoJo weighs 2/3 lb, how much does Fuzzy weigh?

2. There are 5/4 as many boys as girls in the class. If there are 36 children in the class, how many of them are boys?

3. The ratio of kinds of gum to kinds of candy in the store is 3:7. If there are 28 more kinds of candy than gum, how many kinds of gum are there?

4. Miles has 3/5 as many video games as Kelsey. If Kelsey has 30 games, how many does Miles have?

5. If 9 lbs of sand fills the sand box 2/5 of the way full, how much sand can the sand box hold when it is full?

6. Of the 5 problems you just solved, find one that can be solved by multiplying the numbers given in the problem. Write down the product (what you multiply), and explain how you can tell that it is a multiplication problem.

7. Of the 5 problems you just solved, find one that can be solved by dividing the numbers given in the problem. Write down the division sentence (show which number is divided by which) and explain how you can tell that it is a division problem.

8. Write a ratio or fraction problem that can be solved by multiplication, and show how to solve it by multiplication.

9. Write a ratio or fraction that can be solved by division, and show how to solve it by division.