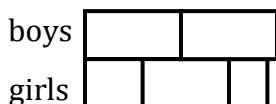


Name: \_\_\_\_\_ HR: \_\_\_\_\_ Date: \_\_\_\_\_

## Tape Diagrams Practice Class Work

### Problem #1

The ratio of boys to girls at a party is 2 to 3. If there are 10 boys then how many girls are there?



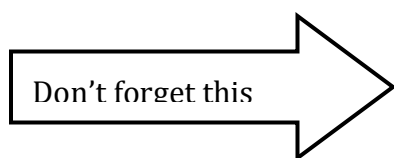
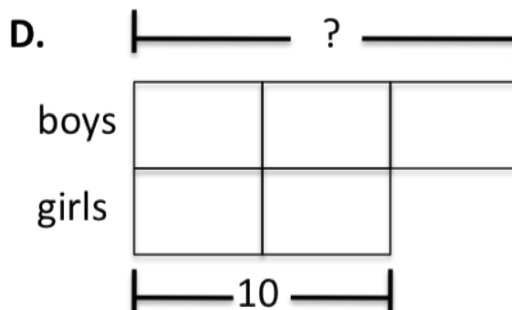
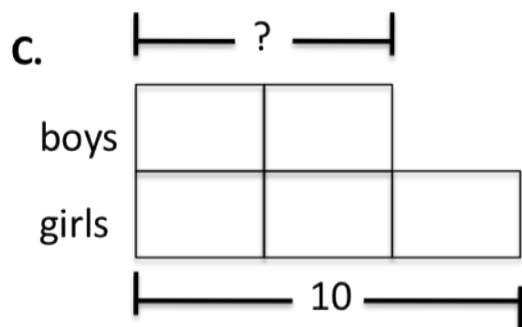
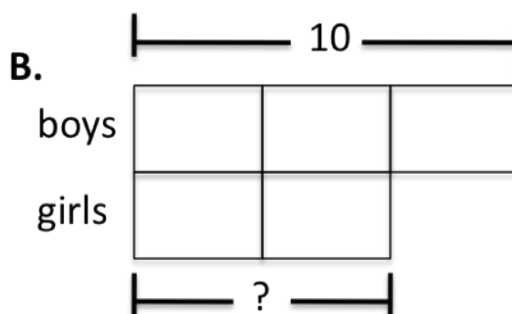
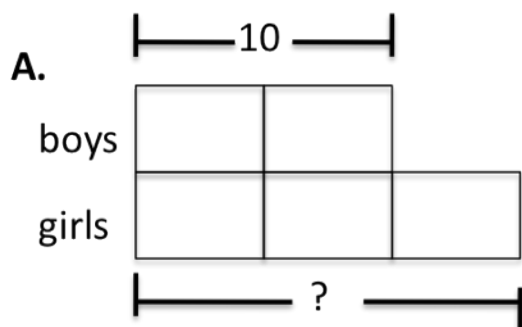
a. What's wrong with this tape diagram? How can it be fixed?

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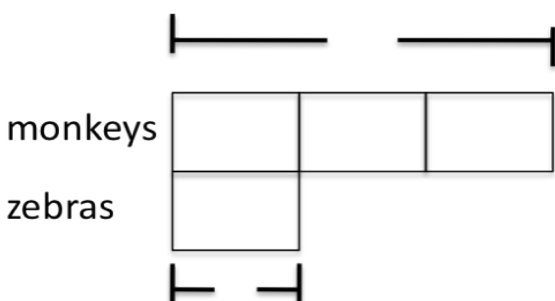
b. Circle the correct tape diagram. Put an "X" through the wrong tape diagrams.



c. Fill in the correct tape diagram and solve the problem.

How many girls are there? \_\_\_\_\_ girls

2. In a zoo there are 9 monkeys. The ratio of monkeys to zebras is 3 to 1. How many zebras are there?



a. Put the numbers into the tape diagram below.

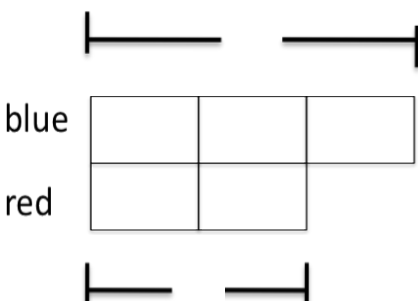
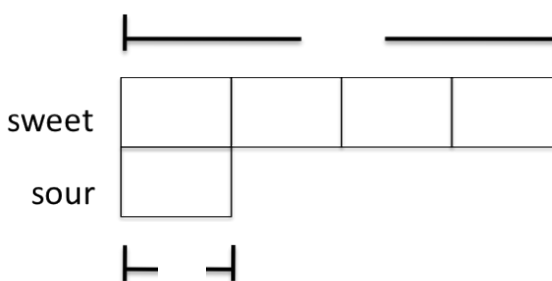
b. Solve the problem.

Answer: \_\_\_\_\_ zebras

**Complete the tape diagrams. Put numbers in the boxes and for the length of each tape.**

3. In a basket, there are 24 sweet oranges and the rest are sour oranges. The ratio of sweet oranges to the sour oranges is 4:1. Find the number of sour oranges.

Answer: \_\_\_\_\_



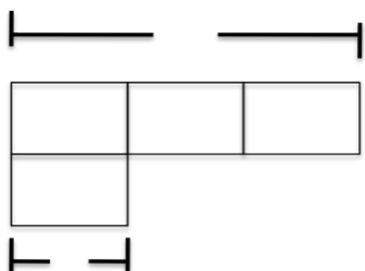
4. The ratio of blue marbles to red marbles in a box is 3 to 2. If there are 12 blue marbles in the box then how many red marbles are there?

Answer: \_\_\_\_\_

### Try these:

5. Children at recess are either playing or sitting down resting. The ratio of kids playing to resting is 3:1. If there are 8 children resting, then how many children are playing?

Answer: \_\_\_\_\_



6. A fruit basket is made with apples and oranges. The ratio of apples to oranges in a fruit basket is 2 to 3. If there are 15 oranges in the basket, then how many apples are there?

Answer: \_\_\_\_\_

