# Sharing With Tape Diagram

Name:

**Solve each problem using a tape diagram.**

**Ex)** Dave had 2 display cases of collectibles. He wanted to organize them so each case had the same number of collectibles. One case had 94 collectibles and the other had 26. How many should he move so that each case has the same amount?

**1)** Paige and her friend had two piles of candy. Paige's pile had 30 pieces and her friend had 100 pieces. How many pieces would her friend have to give Paige so that they both had the same amount?

**2)** There are 59 sodas on the top shelf and 37 sodas on the bottom shelf. How many sodas should be moved from the top shelf to the bottom shelf so that each shelf has the same amount?

**3)** During gym class Team 1 had 69 students and Team 2 had 29 students. How many students should be moved from Team 1 to Team 2 so that you have even teams?

**4)** A car salesman had 77 cars in one of his lots and 23 in another lot. He decided to move some cars from Lot 1 into Lot 2 so that Lot 2 looked fuller. How many cars should he move so that each lot has the same amount?

**Answers**

Ex. 34

1. _____

2. _____

3. _____

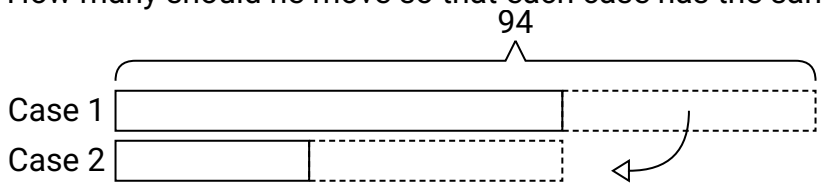
4. _____

# Sharing With Tape Diagram

Name: **Answer Key**

**Solve each problem using a tape diagram.**

**Ex)** Dave had 2 display cases of collectibles. He wanted to organize them so each case had the same number of collectibles. One case had 94 collectibles and the other had 26. How many should he move so that each case has the same amount?

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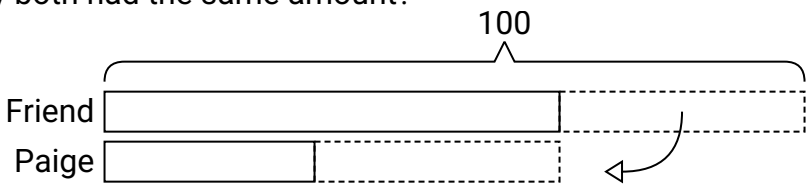
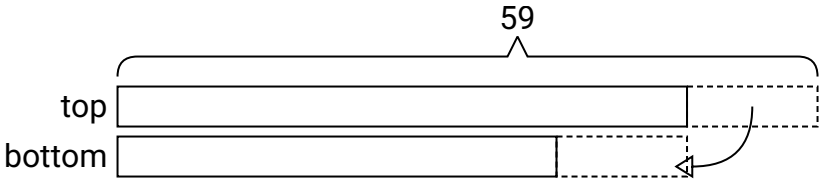
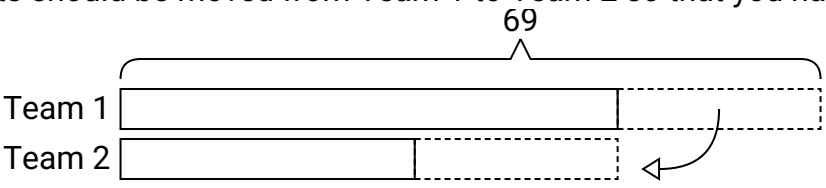



**2)** There are 59 sodas on the top shelf and 37 sodas on the bottom shelf. How many sodas should be moved from the top shelf to the bottom shelf so that each shelf has the same amount?




**3)** During gym class Team 1 had 69 students and Team 2 had 29 students. How many students should be moved from Team 1 to Team 2 so that you have even teams?

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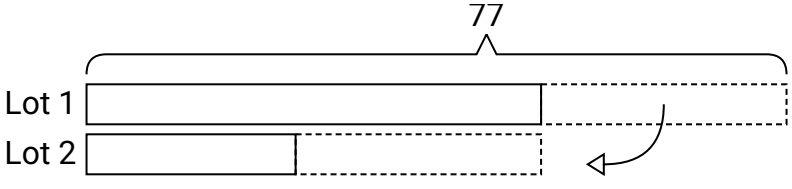


## Answers

Ex. 34

1. 35

2. 11

3. 20

4. 27