Solve each problem using a tape diagram.

Ex) A car salesman had 98 cars in one of his lots and 38 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?

1) Janet and her friend had two piles of candy. Janet's pile had 34 pieces and her friend had 68 pieces. How many pieces would her friend have to give Janet so that they both had the same amount?

2) During gym class Team 1 had 78 students and Team 2 had 22 students. How many students should be moved from Team 1 to Team 2 so that you have even teams?
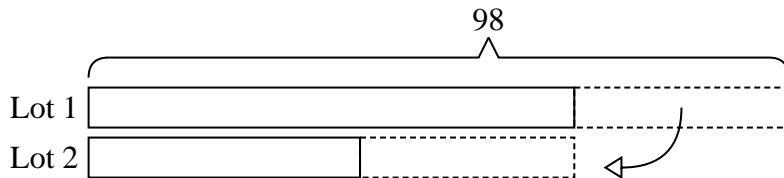
3) A pet groomer has 92 customers scheduled for Monday and 22 scheduled for Tuesday. How many customers should she put off until Tuesday so that she has the same number of customers on both days?

4) There are 75 sodas on the top shelf and 47 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?
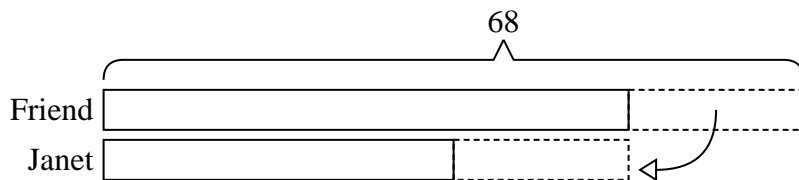
Answers

Ex. ___**30**___

1. _____

2. _____

3. _____

4. _____

Name:

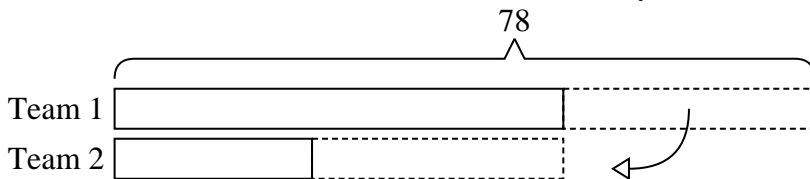**Solve each problem using a tape diagram.**

Answers

Ex) A car salesman had 98 cars in one of his lots and 38 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?
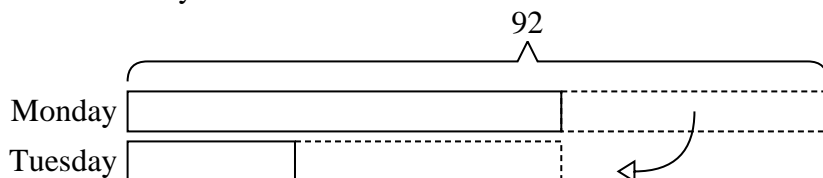
Ex. **30**

98

Lot 1

Lot 2

1. **17**

2. **28**

3. **35**

1) Janet and her friend had two piles of candy. Janet's pile had 34 pieces and her friend had 68 pieces. How many pieces would her friend have to give Janet so that they both had the same amount?
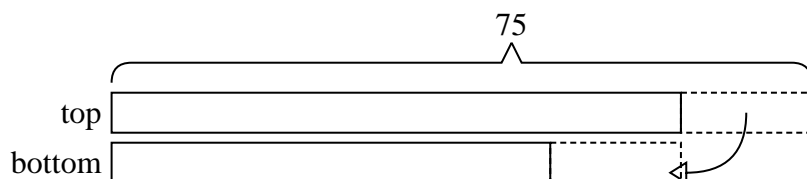
4. **14**

68

Friend

Janet

2) During gym class Team 1 had 78 students and Team 2 had 22 students. How many students should be moved from Team 1 to Team 2 so that you have even teams?

78

Team 1

Team 2

3) A pet groomer has 92 customers scheduled for Monday and 22 scheduled for Tuesday. How many customers should she put off until Tuesday so that she has the same number of customers on both days?

92

Monday

Tuesday

4) There are 75 sodas on the top shelf and 47 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?

75

top

bottom

| 1-4 | 75 | 50 | 25 | 0 |