Name:

Solve each problem using a tape diagram.

Ex) In high school 94 students signed up for the morning art class and 50 signed up for the afternoon class. How many students should be moved from the morning to afternoon so that each class has the same number of students?

Ex. _____**22**_____

1. _____

2. _____

3. _____

1) A store had 2 employees scheduled for the week. Rachel was scheduled to work for 41 hours and George was scheduled for 67 hours. How fewer hours should George work so that he and Rachel work the same number of hours?

4. _____

2) Luke had 2 display cases of collectibles. He wanted to organize them so each case had the same number of collectibles. One case had 72 collectibles and the other had 20. How many should he move so that each case has the same amount?
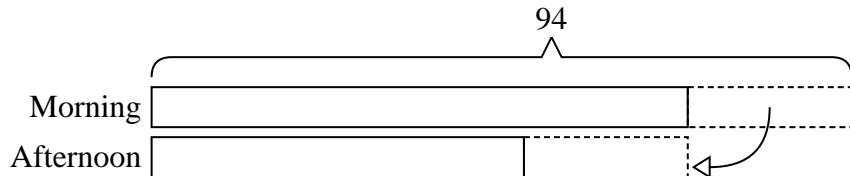
3) A pet groomer has 83 customers scheduled for Monday and 27 scheduled for Tuesday. How many customers should she put off until Tuesday so that she has the same number of customers on both days?

4) A car salesman had 79 cars in one of his lots and 49 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?
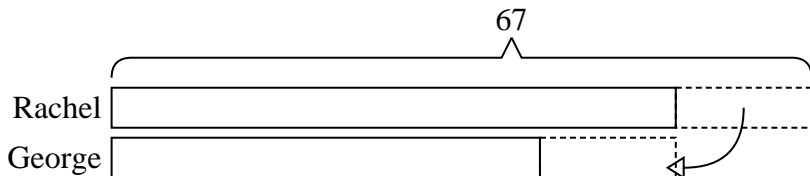
1-4 | 75 | 50 | 25 | 0
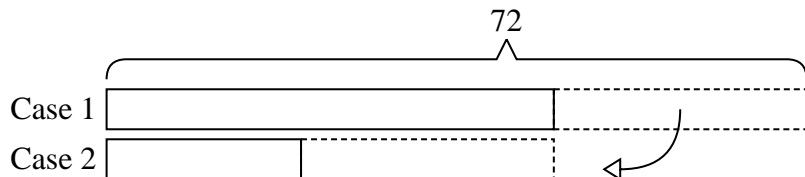
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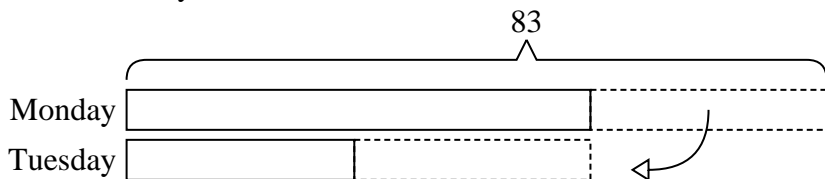
94

Morning

Afternoon

1) A store had 2 employees scheduled for the week. Rachel was scheduled to work for 41 hours and George was scheduled for 67 hours. How fewer hours should George work so that he and Rachel work the same number of hours?
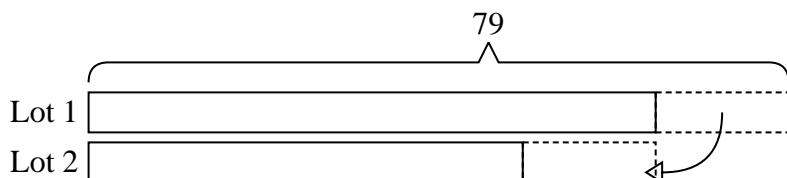
67

Rachel

George

2) Luke had 2 display cases of collectibles. He wanted to organize them so each case had the same number of collectibles. One case had 72 collectibles and the other had 20. How many should he move so that each case has the same amount?

72

Case 1

Case 2

3) A pet groomer has 83 customers scheduled for Monday and 27 scheduled for Tuesday. How many customers should she put off until Tuesday so that she has the same number of customers on both days?

83

Monday

Tuesday

4) A car salesman had 79 cars in one of his lots and 49 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?

79

Lot 1

Lot 2

	Answers
Ex.	**22**
1.	**13**
2.	**26**
3.	**28**
4.	**15**