Name: _____

Solve each problem using a tape diagram.

Ex) There are 52 sodas on the top shelf and 28 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?

1) A pet groomer has 63 customers scheduled for Monday and 21 scheduled for Tuesday. How many customers should she put off until Tuesday so that she has the same number of customers on both days?

2) In high school 67 students signed up for the morning art class and 43 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?
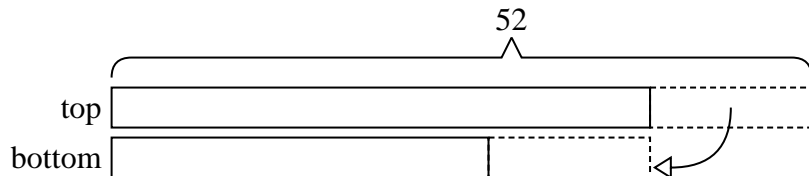
3) A store had 2 employees scheduled for the week. Tiffany was scheduled to work for 41 hours and Victor was scheduled for 65 hours. How fewer hours should Victor work so that he and Tiffany work the same number of hours?

4) A car salesman had 76 cars in one of his lots and 48 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?
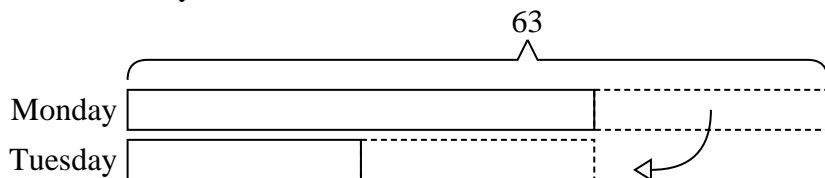
Answers

Ex. _____ **12**

1. _____

2. _____

3. _____

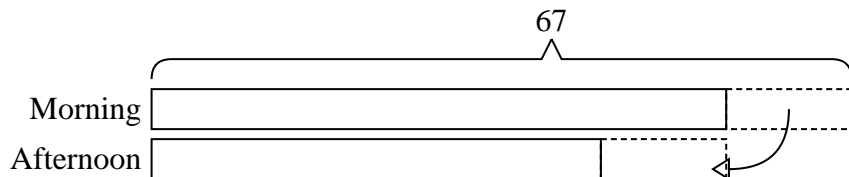4. _____

Solve each problem using a tape diagram.

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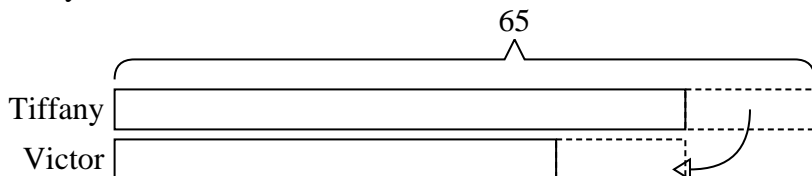
52

top

bottom

Ex. _____ **12**

1. _____ **21**

2. _____ **12**

3. _____ **12**

4. _____ **14**

1) A pet groomer has 63 customers scheduled for Monday and 21 scheduled for Tuesday. How many customers should she put off until Tuesday so that she has the same number of customers on both days?
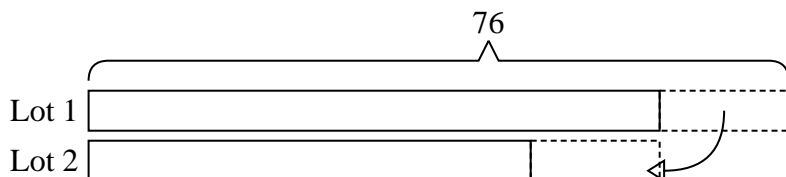
63

Monday

Tuesday

2) In high school 67 students signed up for the morning art class and 43 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?

67

Morning

Afternoon

3) A store had 2 employees scheduled for the week. Tiffany was scheduled to work for 41 hours and Victor was scheduled for 65 hours. How fewer hours should Victor work so that he and Tiffany work the same number of hours?

65

Tiffany

Victor

4) A car salesman had 76 cars in one of his lots and 48 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?

76

Lot 1

Lot 2

1-4 | 75 | 50 | 25 | 0