



Solve each problem using a tape diagram.

Ex) There are 85 sodas on the top shelf and 23 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. 31

1. _____

2. _____

3. _____

4. _____

1) Roger had 2 display cases of collectibles. He wanted to organize them so each case had the same number of collectibles. One case had 84 collectibles and the other had 50. How many should he move so that each case has the same amount?

2) In high school 69 students signed up for the morning art class and 35 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?

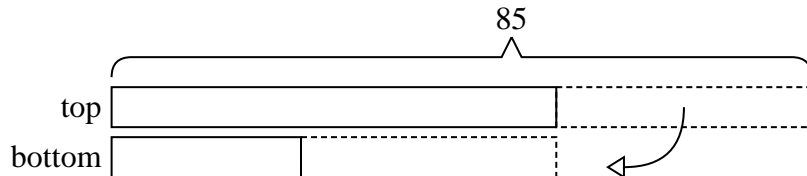
3) A store had 2 employees scheduled for the week. Tiffany was scheduled to work for 47 hours and Jerry was scheduled for 71 hours. How fewer hours should Jerry work so that he and Tiffany work the same number of hours?

4) Carol and her friend had two piles of candy. Carol's pile had 34 pieces and her friend had 90 pieces. How many pieces would her friend have to give Carol so that they both had the same amount?

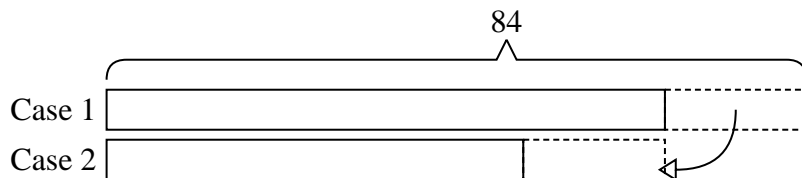


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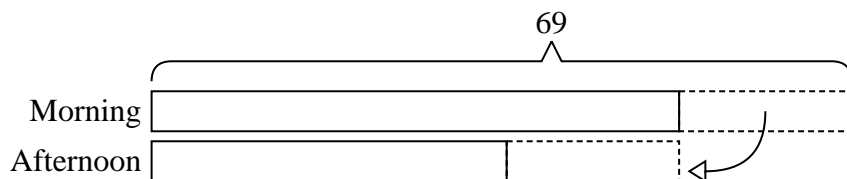
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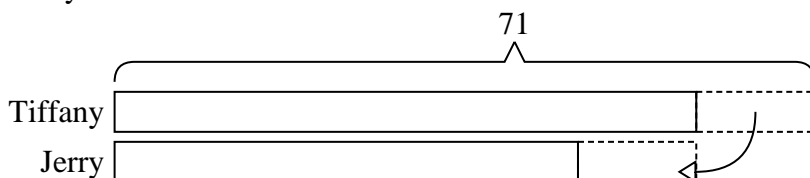
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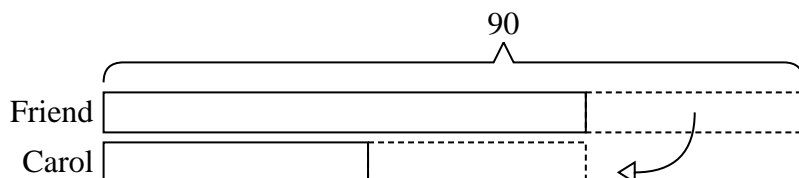
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**Answers**Ex. **31**1. **17**2. **17**3. **12**4. **28**