



Solve each problem using a tape diagram.

Ex) Carol and her friend had two piles of candy. Carol's pile had 26 pieces and her friend had 62 pieces. How many pieces would her friend have to give Carol so that they both had the same amount?

AnswersEx. 18

1. _____

2. _____

3. _____

4. _____

1) Cody 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 48. How many should he move so that each case has the same amount?

2) A store had 2 employees scheduled for the week. Katie was scheduled to work for 48 hours and Mike was scheduled for 84 hours. How fewer hours should Mike work so that he and Katie work the same number of hours?

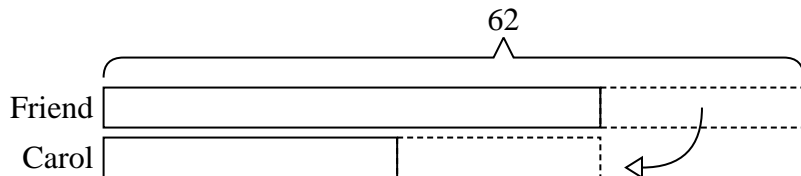
3) In high school 64 students signed up for the morning art class and 42 signed up for the afternoon class. How many students should be moved from the morning to afternoon so that each class has the same number of students?

4) A car salesman had 90 cars in one of his lots and 34 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?

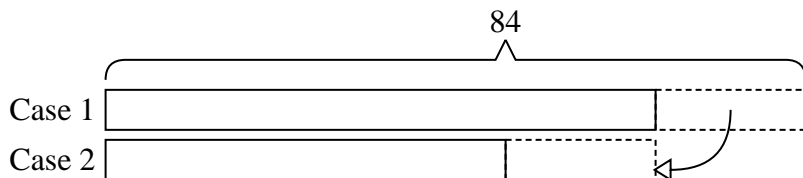


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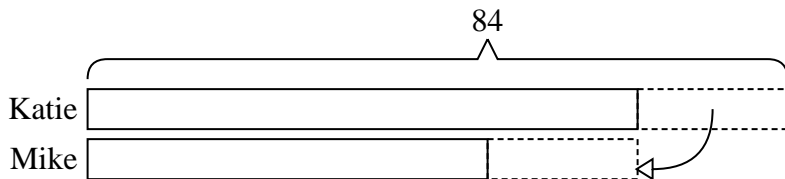
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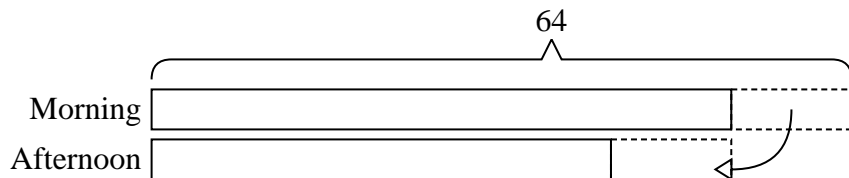
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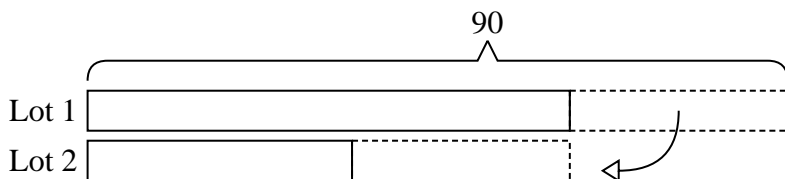
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AnswersEx. 181. 182. 183. 114. 28