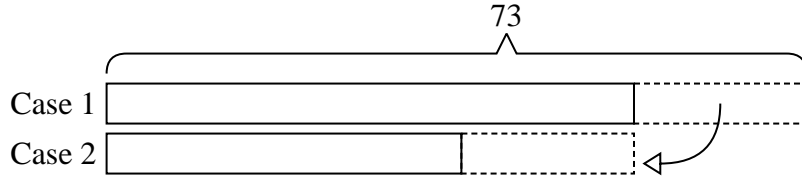




Solve each problem using a tape diagram.

- Ex)** Luke had 2 display cases of collectibles. He wanted to organize them so each case had the same number of collectibles. One case had 73 collectibles and the other had 37. How many should he move so that each case has the same amount?



- 1) A car salesman had 65 cars in one of his lots and 31 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?
- 2) In high school 83 students signed up for the morning art class and 33 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 pet groomer has 57 customers scheduled for Monday and 29 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 99 sodas on the top shelf and 29 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?
- 5) Haley and her friend had two piles of candy. Haley's pile had 34 pieces and her friend had 62 pieces. How many pieces would her friend have to give Haley so that they both had the same amount?

**Answers**Ex. 18

1. \_\_\_\_\_

2. \_\_\_\_\_

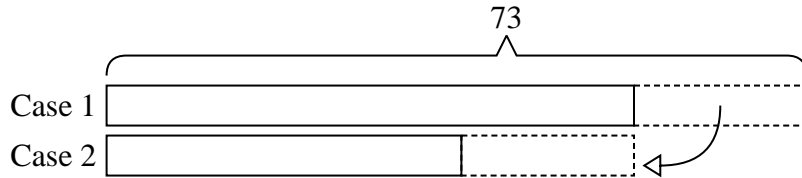
3. \_\_\_\_\_

4. \_\_\_\_\_

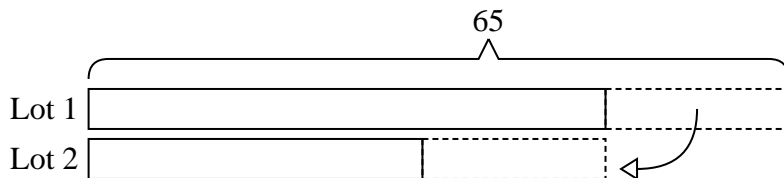
5. \_\_\_\_\_

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

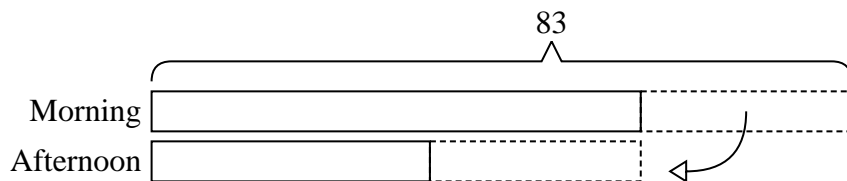
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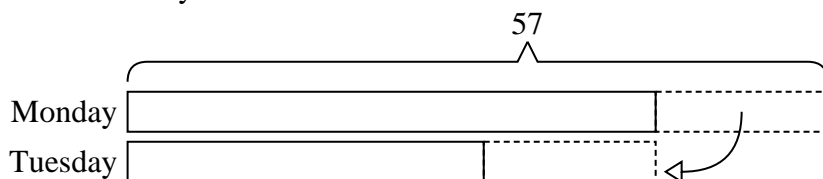
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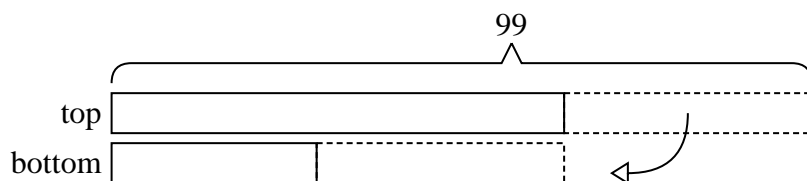
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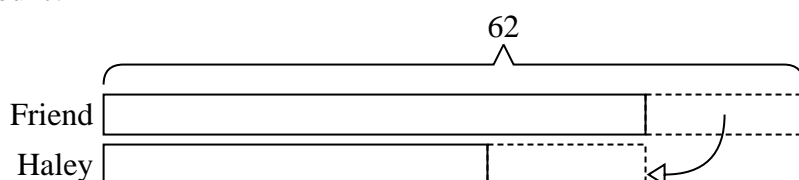
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- 5)** Haley and her friend had two piles of candy. Haley's pile had 34 pieces and her friend had 62 pieces. How many pieces would her friend have to give Haley so that they both had the same amount?

**Answers**Ex. 181. 172. 253. 144. 355. 14