

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

- Ex)** A store had 2 employees scheduled for the week. Paige was scheduled to work for 39 hours and Edward was scheduled for 71 hours. How fewer hours should Edward work so that he and Paige work the same number of hours?
- 1) A car salesman had 92 cars in one of his lots and 40 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 88 students signed up for the morning art class and 24 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) Mike had 2 display cases of collectibles. He wanted to organize them so each case had the same number of collectibles. One case had 95 collectibles and the other had 41. How many should he move so that each case has the same amount?
- 4) A pet groomer has 94 customers scheduled for Monday and 40 scheduled for Tuesday. How many customers should she put off until Tuesday so that she has the same number of customers on both days?

**Answers**Ex. 16

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

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

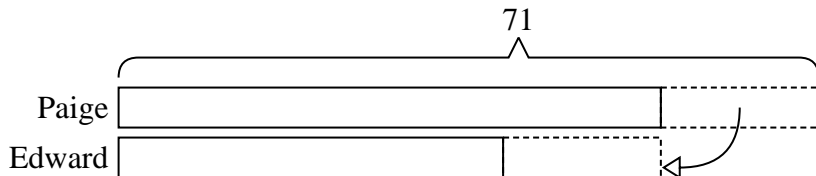
3. \_\_\_\_\_

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

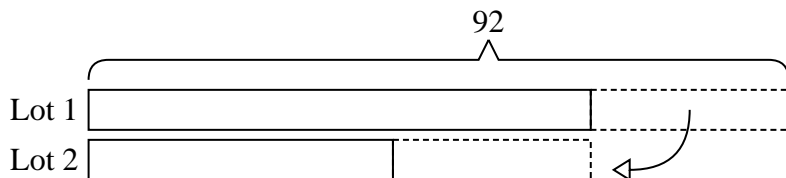


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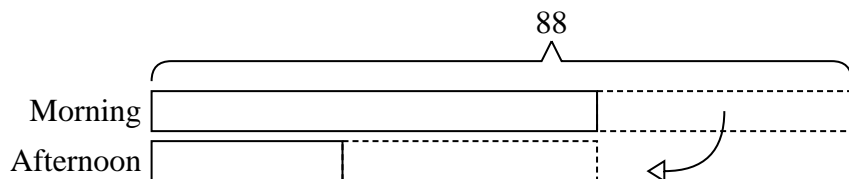
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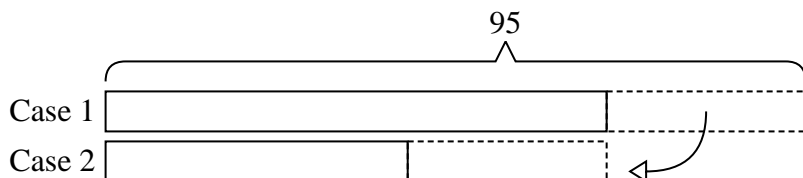
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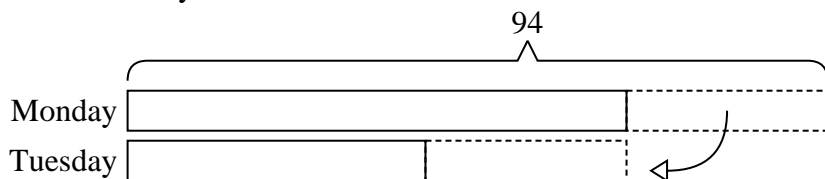
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**Answers**Ex. **16**1. **26**2. **32**3. **27**4. **27**