



Solve each problem using a tape diagram.

- 1) A car salesman had 86 cars in one of his lots and 22 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) A store had 2 employees scheduled for the week. Vanessa was scheduled to work for 49 hours and Cody was scheduled for 91 hours. How fewer hours should Cody work so that he and Vanessa work the same number of hours?

- 3) Kaleb had 2 display cases of collectibles. He wanted to organize them so each case had the same number of collectibles. One case had 96 collectibles and the other had 20. How many should he move so that each case has the same amount?

- 4) There are 82 sodas on the top shelf and 48 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) A pet groomer has 97 customers scheduled for Monday and 43 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

1. _____

2. _____

3. _____

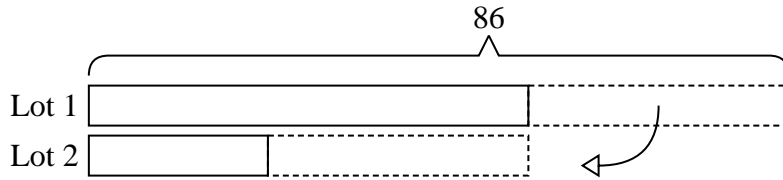
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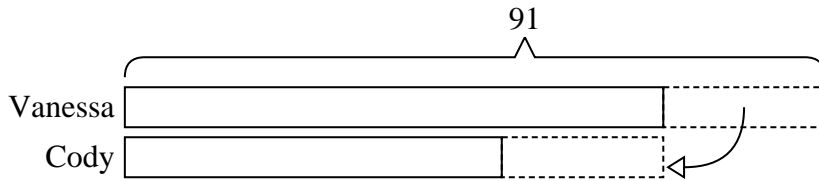


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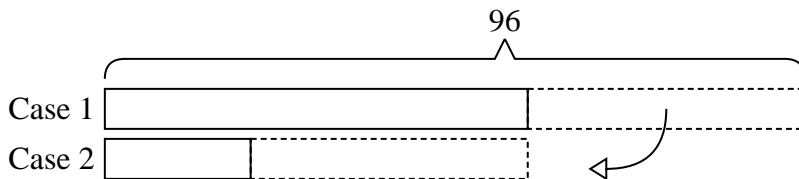
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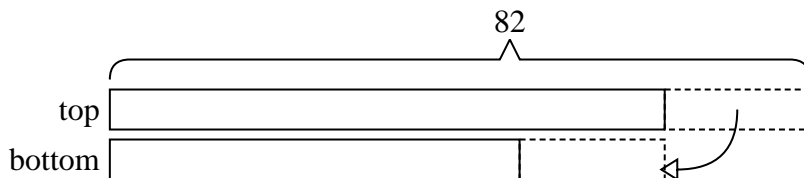
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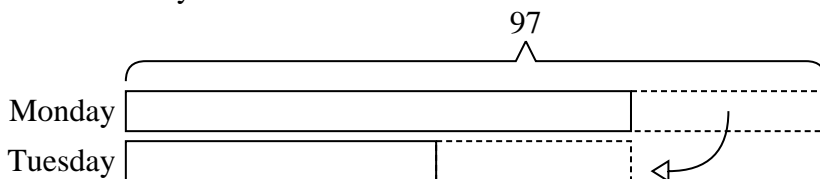
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- 5) A pet groomer has 97 customers scheduled for Monday and 43 scheduled for Tuesday. How many customers should she put off until Tuesday so that she has the same number of customers on both days?

Answers1. **32**2. **21**3. **38**4. **17**5. **27**

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

- 1) There are 63 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?

- 2) During gym class Team 1 had 59 students and Team 2 had 29 students. How many students should be moved from Team 1 to Team 2 so that you have even teams?

- 3) A store had 2 employees scheduled for the week. Olivia was scheduled to work for 38 hours and Kaleb was scheduled for 76 hours. How fewer hours should Kaleb work so that he and Olivia work the same number of hours?

- 4) A pet groomer has 62 customers scheduled for Monday and 36 scheduled for Tuesday. How many customers should she put off until Tuesday so that she has the same number of customers on both days?

- 5) Roger had 2 display cases of collectibles. He wanted to organize them so each case had the same number of collectibles. One case had 79 collectibles and the other had 25. How many should he move so that each case has the same amount?

Answers

1. _____

2. _____

3. _____

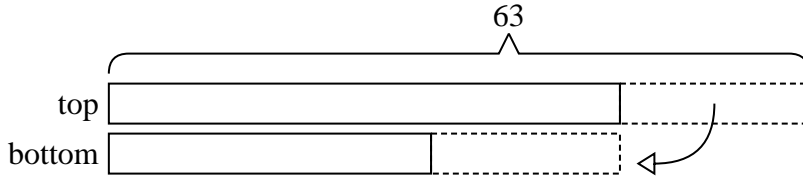
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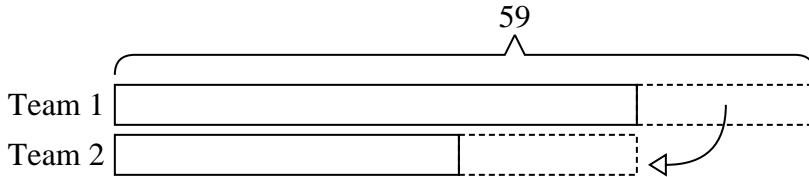


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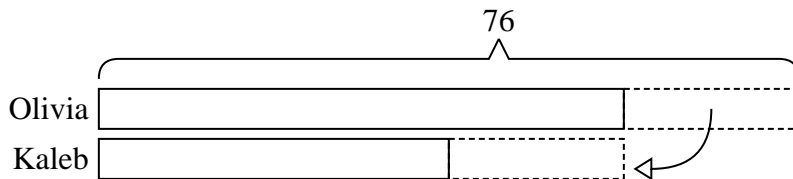
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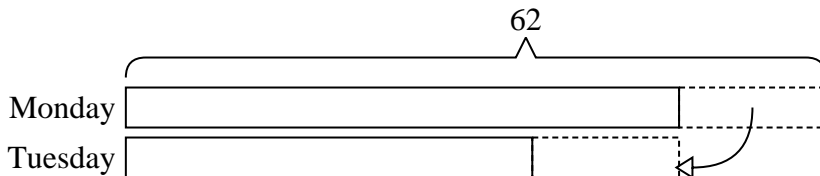
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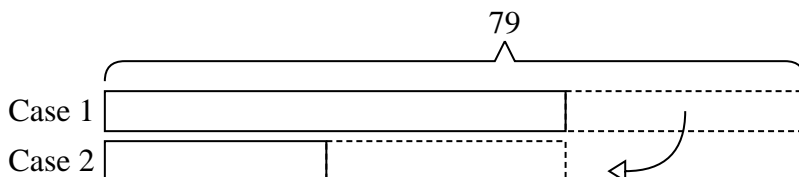
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Answers1. **17**2. **15**3. **19**4. **13**5. **27**



Solve each problem using a tape diagram.

- 1) A pet groomer has 56 customers scheduled for Monday and 30 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) A car salesman had 77 cars in one of his lots and 27 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?

- 3) During gym class Team 1 had 97 students and Team 2 had 27 students. How many students should be moved from Team 1 to Team 2 so that you have even teams?

- 4) Robin and her friend had two piles of candy. Robin's pile had 42 pieces and her friend had 76 pieces. How many pieces would her friend have to give Robin so that they both had the same amount?

- 5) Roger had 2 display cases of collectibles. He wanted to organize them so each case had the same number of collectibles. One case had 58 collectibles and the other had 28. How many should he move so that each case has the same amount?

Answers

1. _____

2. _____

3. _____

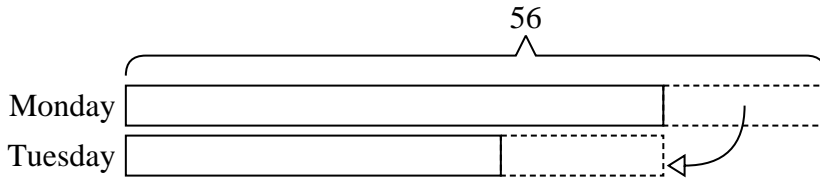
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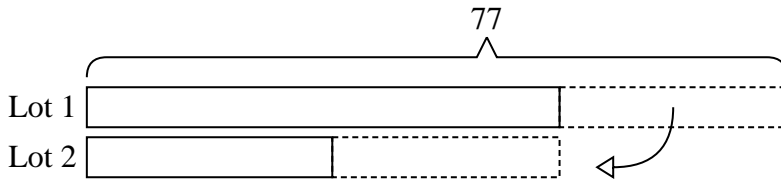


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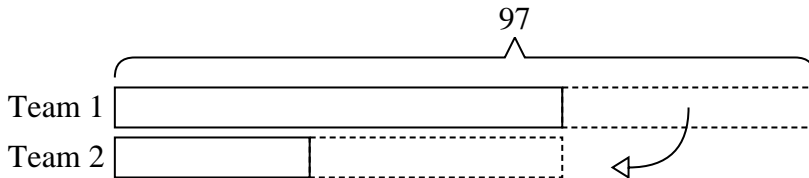
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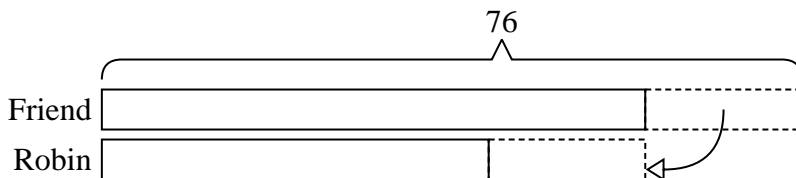
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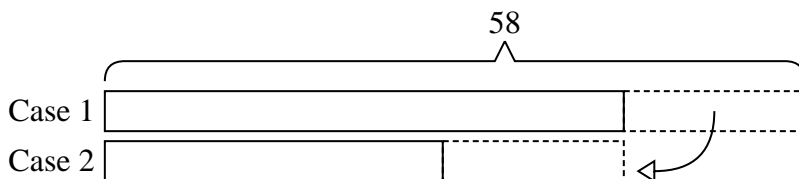
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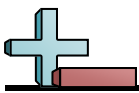


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Answers1. 132. 253. 354. 175. 15



Solve each problem using a tape diagram.

Answers

1) Gwen and her friend had two piles of candy. Gwen's pile had 45 pieces and her friend had 77 pieces. How many pieces would her friend have to give Gwen so that they both had the same amount?

1. _____

2. _____

3. _____

4. _____

5. _____

2) In high school 83 students signed up for the morning art class and 49 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) During gym class Team 1 had 78 students and Team 2 had 44 students. How many students should be moved from Team 1 to Team 2 so that you have even teams?

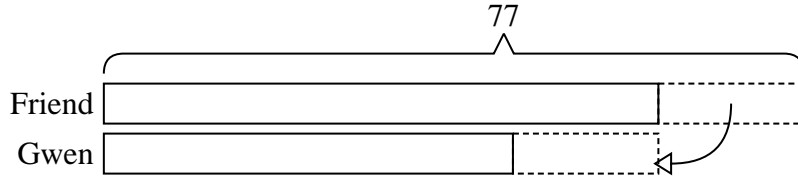
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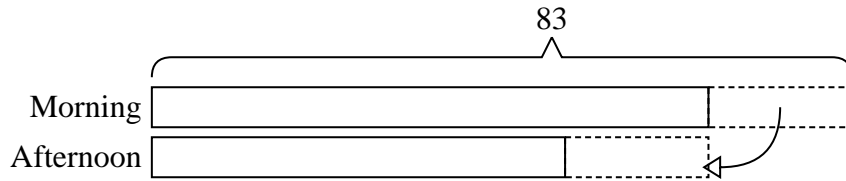


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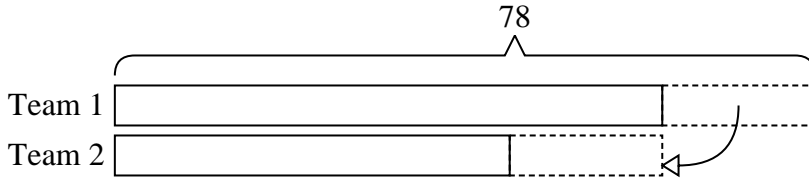
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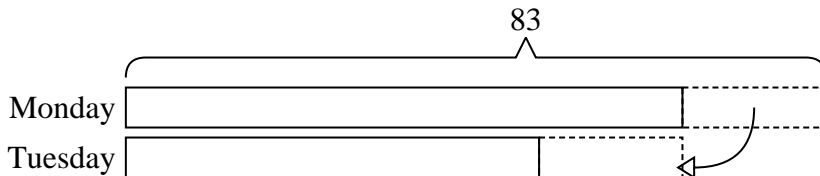
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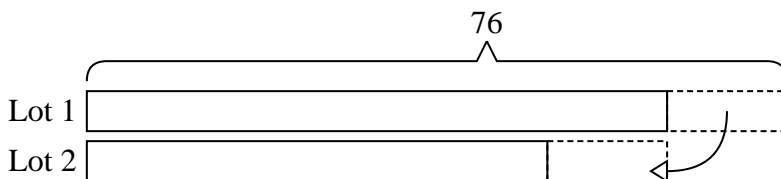
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Answers

1. 16
2. 17
3. 17
4. 17
5. 13

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

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- 2) A pet groomer has 76 customers scheduled for Monday and 44 scheduled for Tuesday. How many customers should she put off until Tuesday so that she has the same number of customers on both days?

- 3) In high school 94 students signed up for the morning art class and 32 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) There are 77 sodas on the top shelf and 37 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) Rachel and her friend had two piles of candy. Rachel's pile had 22 pieces and her friend had 60 pieces. How many pieces would her friend have to give Rachel so that they both had the same amount?

Answers

1. _____

2. _____

3. _____

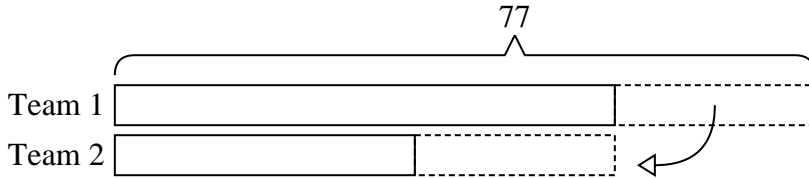
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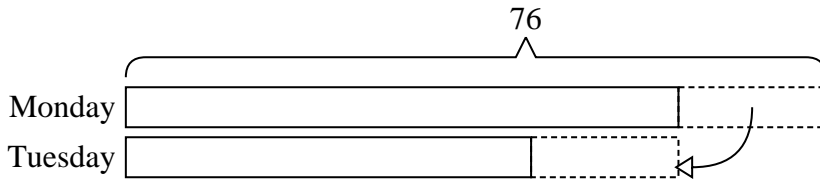


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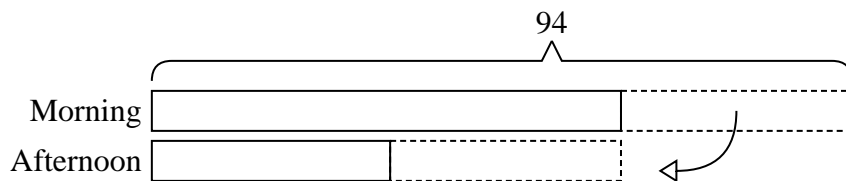
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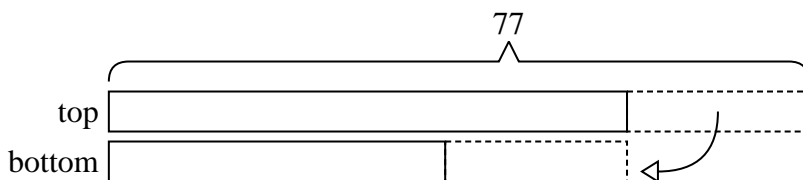
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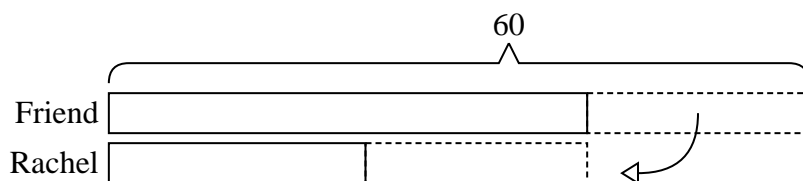
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Answers1. 222. 163. 314. 205. 19

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

- 1) Gwen and her friend had two piles of candy. Gwen's pile had 35 pieces and her friend had 97 pieces. How many pieces would her friend have to give Gwen so that they both had the same amount?

- 2) During gym class Team 1 had 78 students and Team 2 had 36 students. How many students should be moved from Team 1 to Team 2 so that you have even teams?

- 3) A pet groomer has 84 customers scheduled for Monday and 46 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) A store had 2 employees scheduled for the week. Robin was scheduled to work for 28 hours and Oliver was scheduled for 54 hours. How fewer hours should Oliver work so that he and Robin work the same number of hours?

- 5) There are 84 sodas on the top shelf and 34 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

1. _____

2. _____

3. _____

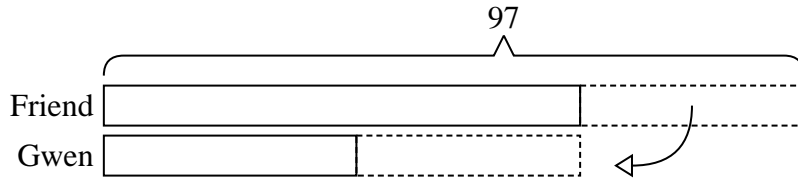
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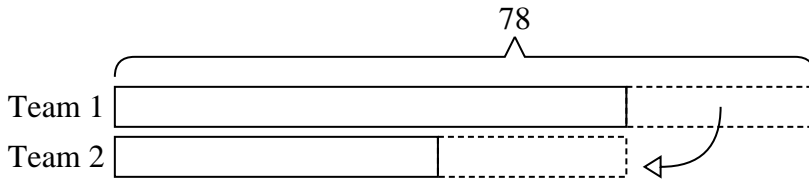


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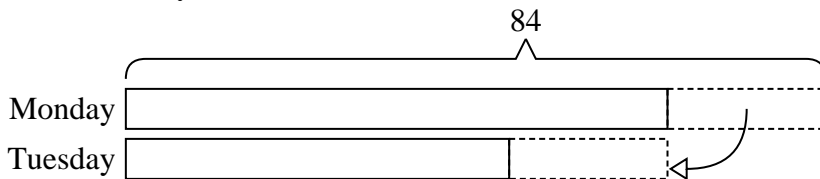
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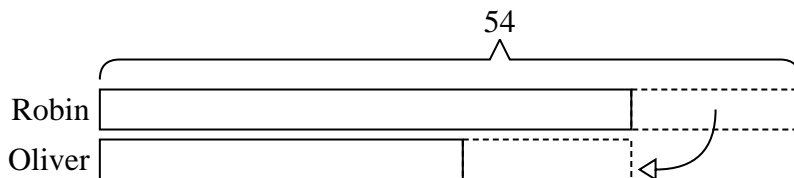
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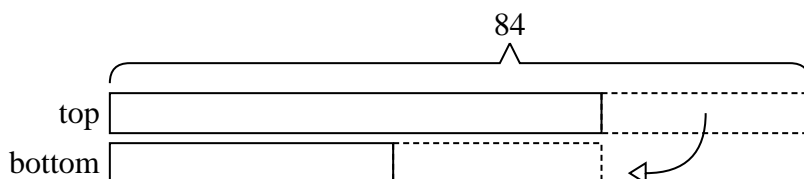
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Answers1. **31**2. **21**3. **19**4. **13**5. **25**



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- 2) In high school 73 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) Olivia and her friend had two piles of candy. Olivia's pile had 31 pieces and her friend had 91 pieces. How many pieces would her friend have to give Olivia so that they both had the same amount?

- 4) A store had 2 employees scheduled for the week. Robin was scheduled to work for 33 hours and Oliver was scheduled for 67 hours. How fewer hours should Oliver work so that he and Robin work the same number of hours?

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Answers

1. _____

2. _____

3. _____

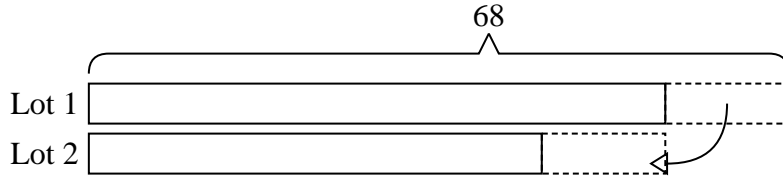
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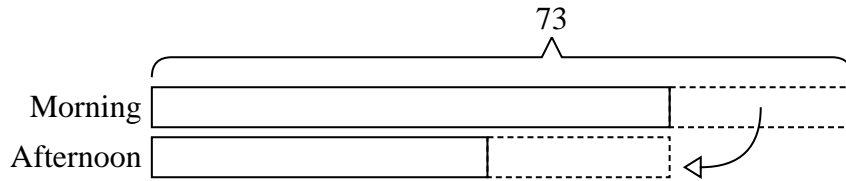


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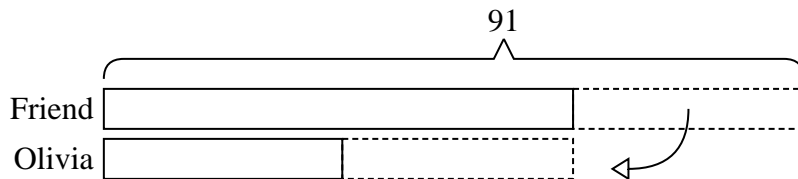
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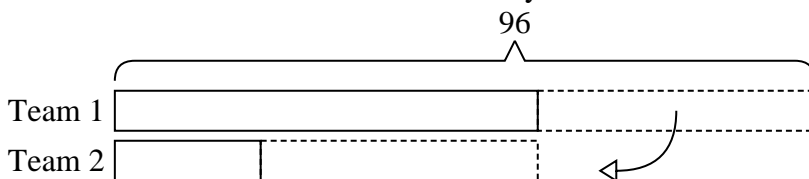
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Answers

1. 12
2. 19
3. 30
4. 17
5. 38



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- 4) A car salesman had 98 cars in one of his lots and 50 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?

- 5) In high school 90 students signed up for the morning art class and 28 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?

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2. _____

3. _____

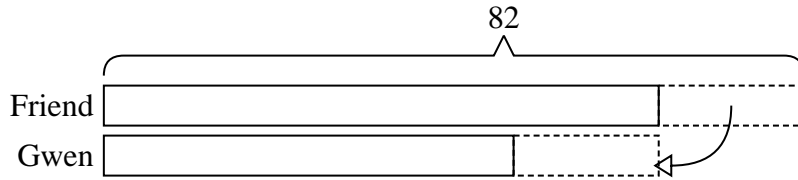
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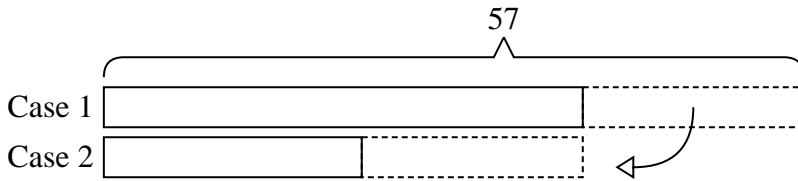


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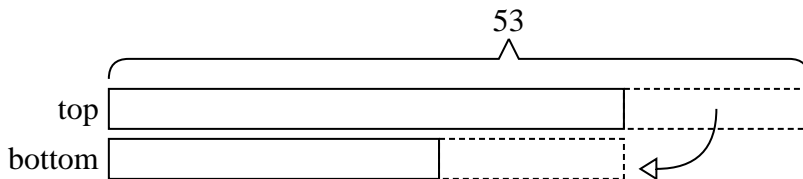
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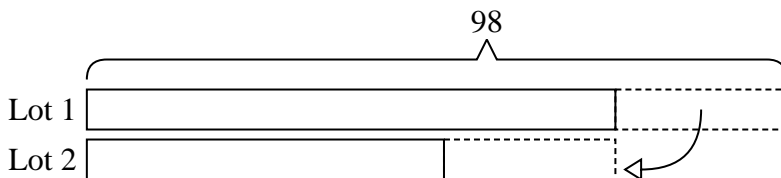
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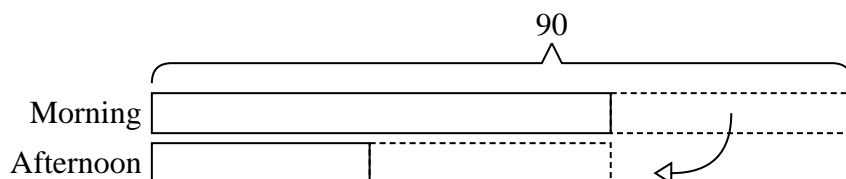
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Answers1. 172. 183. 144. 245. 31



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- 2) In high school 73 students signed up for the morning art class and 41 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?

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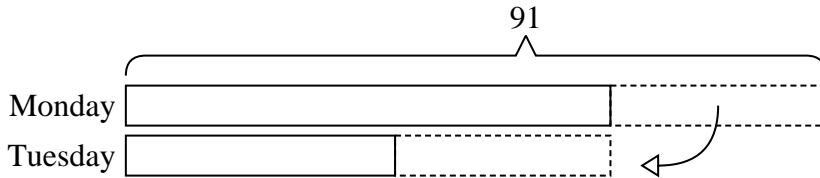
4. _____

5. _____

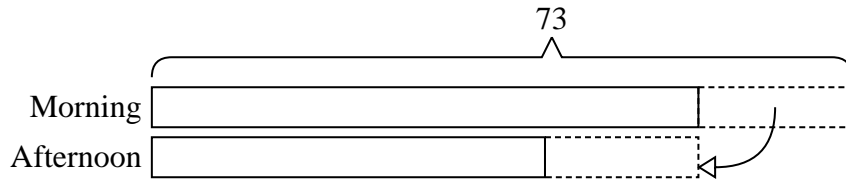


Solve each problem using a tape diagram.

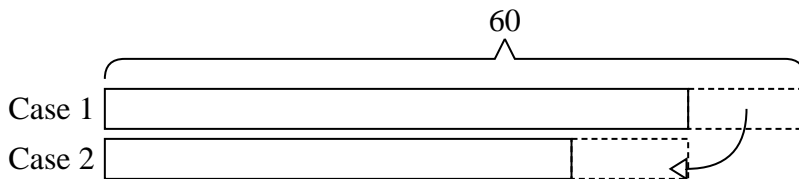
- 1) A pet groomer has 91 customers scheduled for Monday and 35 scheduled for Tuesday. How many customers should she put off until Tuesday so that she has the same number of customers on both days?



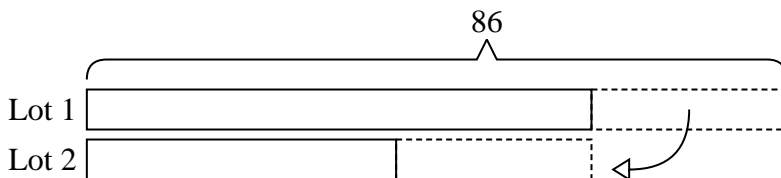
- 2) In high school 73 students signed up for the morning art class and 41 signed up for the afternoon class. How many students should be moved from the morning to afternoon so that each class has the same number of students?



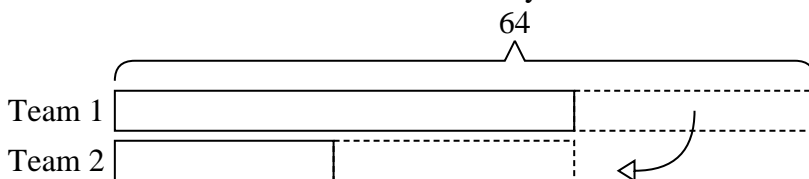
- 3) Kaleb had 2 display cases of collectibles. He wanted to organize them so each case had the same number of collectibles. One case had 60 collectibles and the other had 40. How many should he move so that each case has the same amount?



- 4) A car salesman had 86 cars in one of his lots and 38 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?



- 5) During gym class Team 1 had 64 students and Team 2 had 20 students. How many students should be moved from Team 1 to Team 2 so that you have even teams?

Answers1. **28**2. **16**3. **10**4. **24**5. **22**



Solve each problem using a tape diagram.

- 1) There are 49 sodas on the top shelf and 25 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?

- 2) Vanessa and her friend had two piles of candy. Vanessa's pile had 30 pieces and her friend had 86 pieces. How many pieces would her friend have to give Vanessa so that they both had the same amount?

- 3) A car salesman had 69 cars in one of his lots and 21 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?

- 4) Oliver had 2 display cases of collectibles. He wanted to organize them so each case had the same number of collectibles. One case had 87 collectibles and the other had 33. How many should he move so that each case has the same amount?

- 5) In high school 63 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?

Answers

1. _____

2. _____

3. _____

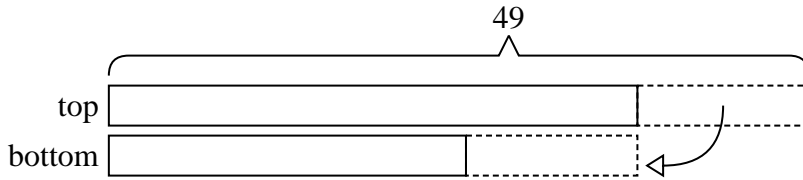
4. _____

5. _____

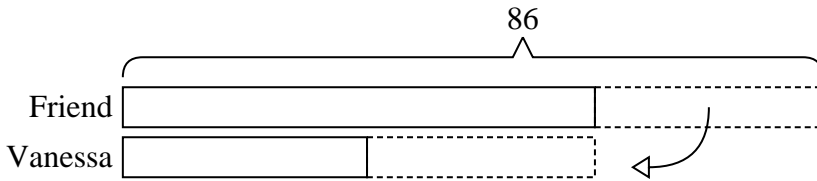


Solve each problem using a tape diagram.

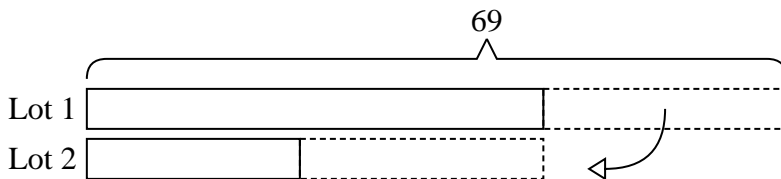
- 1) There are 49 sodas on the top shelf and 25 sodas on the bottom shelf. How many sodas should be moved from the top shelf to the bottom shelf so that each shelf has the same amount?



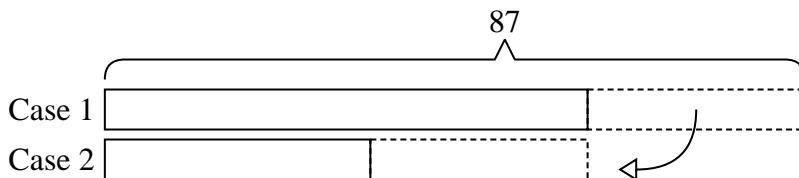
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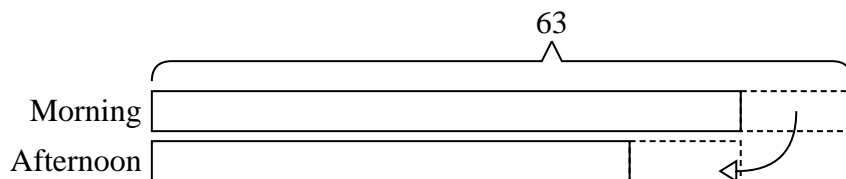
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- 5) In high school 63 students signed up for the morning art class and 43 signed up for the afternoon class. How many students should be moved from the morning to afternoon so that each class has the same number of students?

Answers1. 122. 283. 244. 275. 10