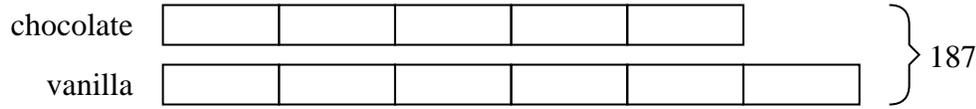


Solve each problem using a tape diagram.

Ex) Tom's Ice Cream Hut had Chocolate or Vanilla shakes. On the 4th of July they sold 187 shakes total with the ratio of chocolate to vanilla being 5:6. How many chocolate shakes did they sell?



**Answers**

Ex. 85

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

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

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

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

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

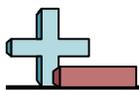
1) Kaleb was looking at his streaming music stats. The ratio of songs he liked to disliked was 9:4. If he listened to 299 songs total how many did he like?

2) In August, Isabel's Clothing Store sold 868 shirts with the ratio of short sleeve to long sleeve being 9:5. How many short sleeve shirts were sold?

3) At the fair the ratio of male to females was 2:8. If there are 770 people at the fair how many males are there?

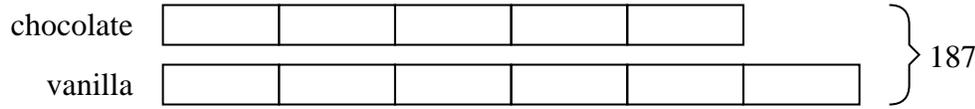
4) A cable company had 754 subscribers. The ratio of regular subscribers to premium subscribers was 7:6. How many regular subscribers did they have?

5) A store had 897 sodas, both diet and regular. The ratio of diet sodas to regular sodas was 5:8. How many diet sodas were there?

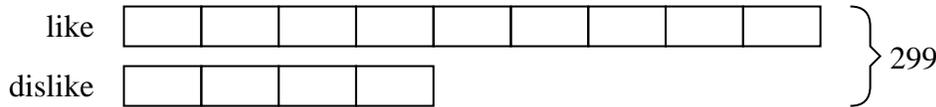


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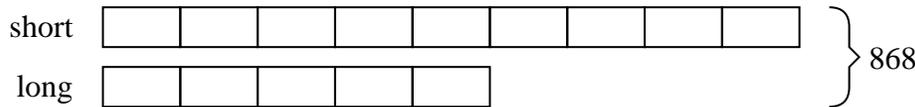
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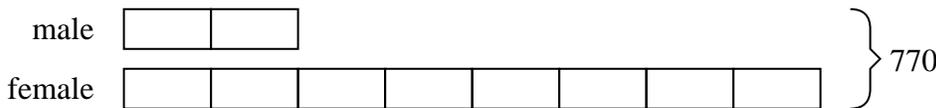
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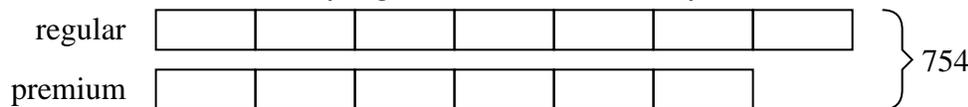
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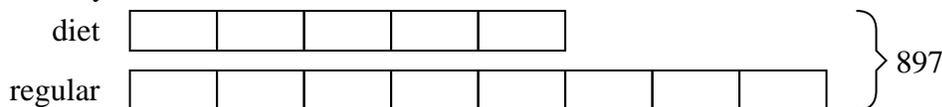
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**Answers**

Ex. 85

1. 207

2. 558

3. 154

4. 406

5. 345