



Solve each problem using a tape diagram.

Answers

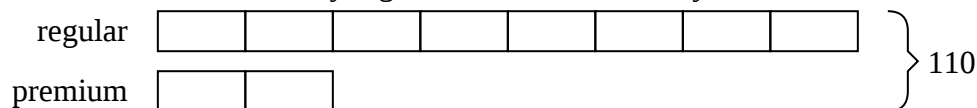
- 1) A cable company had 110 subscribers. The ratio of regular subscribers to premium subscribers was 8:2. How many regular subscribers did they have?
- 2) During an local election the ratio of teens to adults who voted was 9:10. If 969 people voted how many were teens?
- 3) Tom was looking at his streaming music stats. The ratio of songs he liked to disliked was 7:9. If he listened to 608 songs total how many did he like?
- 4) At the fair the ratio of male to females was 2:5. If there are 679 people at the fair how many males are there?
- 5) In August, Gwen's Clothing Store sold 684 shirts with the ratio of short sleeve to long sleeve being 4:5. How many short sleeve shirts were sold?

1. _____
2. _____
3. _____
4. _____
5. _____

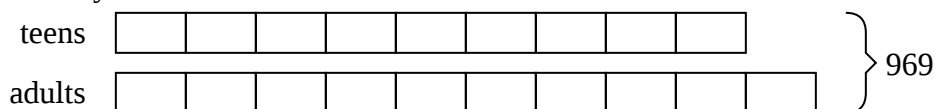


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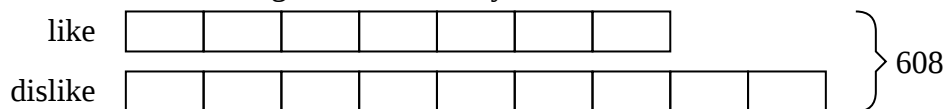
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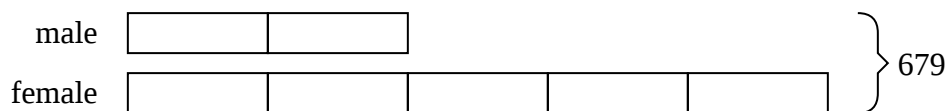
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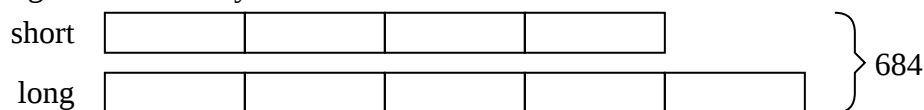
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Answers

1. 88
2. 459
3. 266
4. 194
5. 304