



Solve each problem using a tape diagram.

**Answers**

Ex) Roger was looking at his streaming music stats. The ratio of songs he liked to disliked was 2:8. If he listened to 520 songs total how many did he like?

Ex. 104

1) Dave's Ice Cream Hut had Chocolate or Vanilla shakes. On the 4th of July they sold 385 shakes total with the ratio of chocolate to vanilla being 7:4. How many chocolate shakes did they sell?

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

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

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

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

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

2) A cable company had 610 subscribers. The ratio of regular subscribers to premium subscribers was 7:3. How many regular subscribers did they have?

3) In August, Nancy's Clothing Store sold 330 shirts with the ratio of short sleeve to long sleeve being 6:5. How many short sleeve shirts were sold?

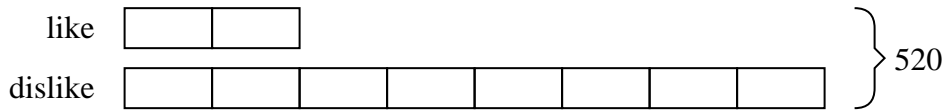
4) At the fair the ratio of male to females was 2:6. If there are 248 people at the fair how many males are there?

5) During an local election the ratio of teens to adults who voted was 6:8. If 420 people voted how many were teens?

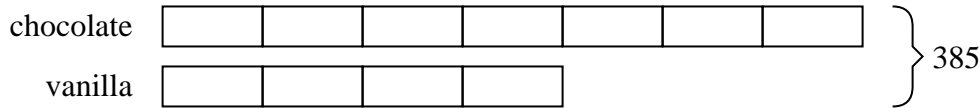


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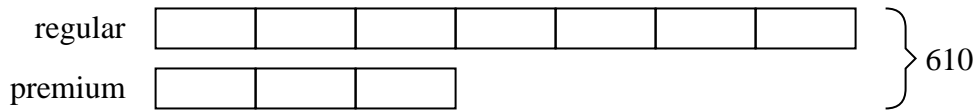
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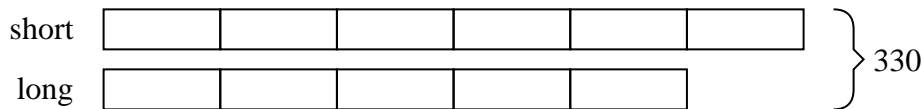
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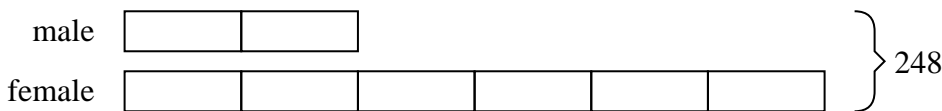
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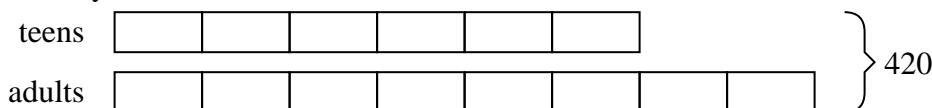
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Answers

Ex. 104

1. 245

2. 427

3. 180

4. 62

5. 180