



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?

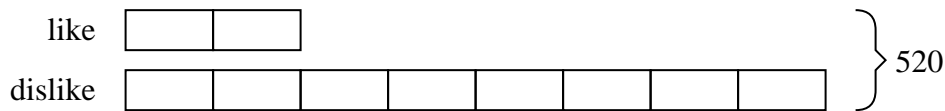
**4)** At the fair the ratio of male to females was 2:6. If there are 248 people at the fair how many males are there?

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

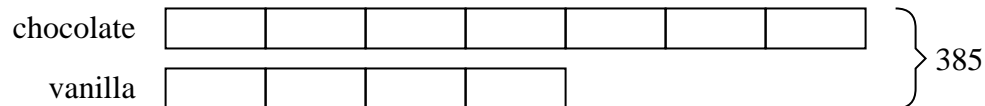


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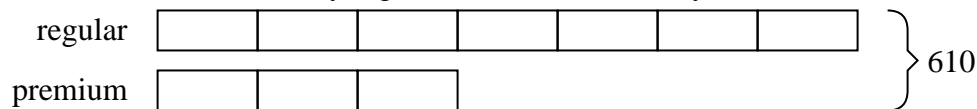
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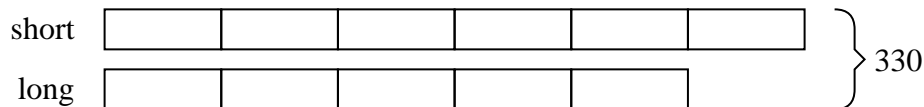
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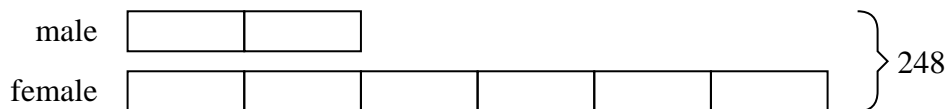
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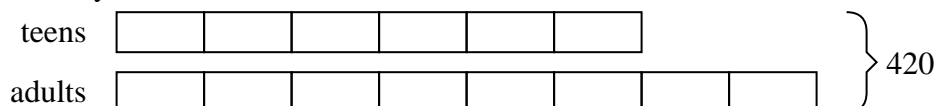
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**Answers**Ex. 1041. 2452. 4273. 1804. 625. 180