



Solve each problem using a tape diagram.

**Answers**

**Ex)** At the fair the ratio of male to females was 8:10. If there are 774 people at the fair how many males are there?

Ex. 344

**1)** During an local election the ratio of teens to adults who voted was 3:4. If 322 people voted how many were teens?

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

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

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

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

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

**2)** Victor's Ice Cream Hut had Chocolate or Vanilla shakes. On the 4th of July they sold 924 shakes total with the ratio of chocolate to vanilla being 5:6. How many chocolate shakes did they sell?

**3)** A cable company had 585 subscribers. The ratio of regular subscribers to premium subscribers was 7:2. How many regular subscribers did they have?

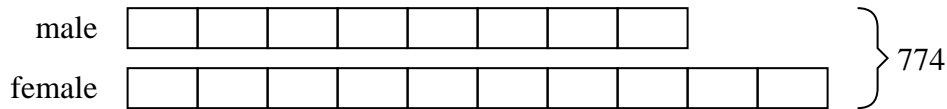
**4)** A store had 732 sodas, both diet and regular. The ratio of diet sodas to regular sodas was 2:10. How many diet sodas were there?

**5)** Adam was looking at his streaming music stats. The ratio of songs he liked to disliked was 6:7. If he listened to 780 songs total how many did he like?

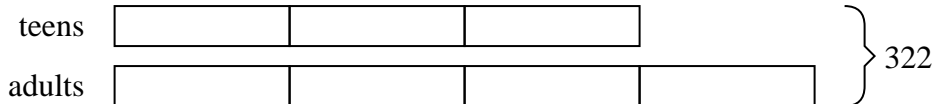


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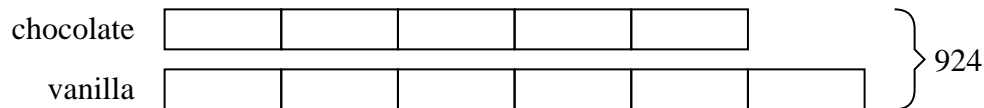
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**Answers**Ex. 3441. 1382. 4203. 4554. 1225. 360

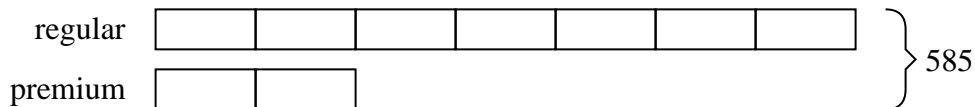
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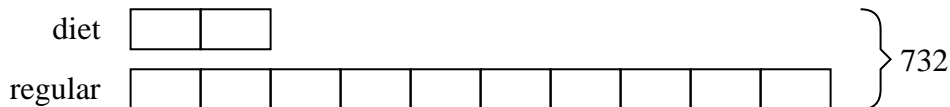
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