



Solve each problem using a tape diagram.

**Answers**

**Ex)** Luke was looking at his streaming music stats. The ratio of songs he liked to disliked was 4:7. If he listened to 627 songs total how many did he like?

Ex. 228

**1)** In August, Janet's Clothing Store sold 663 shirts with the ratio of short sleeve to long sleeve being 10:3. How many short sleeve shirts were sold?

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

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

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

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

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

**2)** A cable company had 160 subscribers. The ratio of regular subscribers to premium subscribers was 4:6. How many regular subscribers did they have?

**3)** Oliver's Ice Cream Hut had Chocolate or Vanilla shakes. On the 4th of July they sold 570 shakes total with the ratio of chocolate to vanilla being 7:8. How many chocolate shakes did they sell?

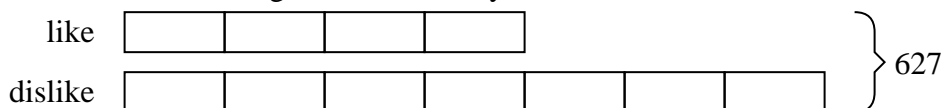
**4)** A store had 1,080 sodas, both diet and regular. The ratio of diet sodas to regular sodas was 7:5. How many diet sodas were there?

**5)** During an local election the ratio of teens to adults who voted was 4:5. If 234 people voted how many were teens?

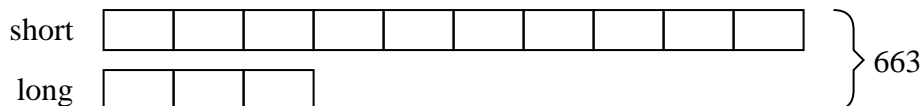


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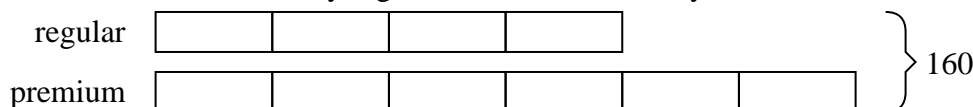
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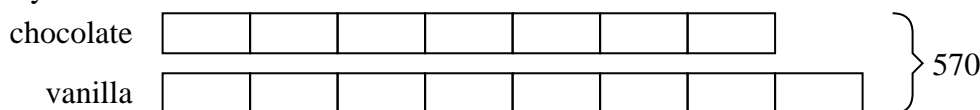
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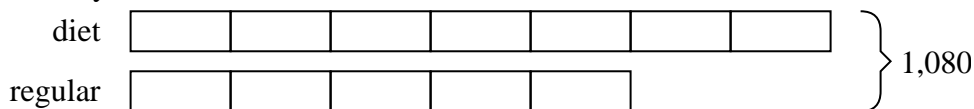
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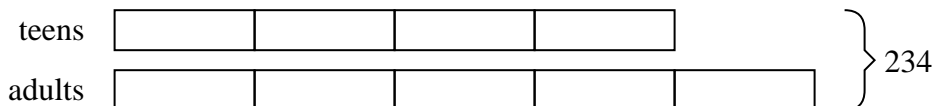
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**Answers**Ex. 2281. 5102. 643. 2664. 6305. 104