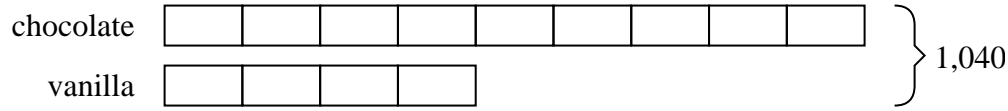




Solve each problem using a tape diagram.

Ex) Dave's Ice Cream Hut had Chocolate or Vanilla shakes. On the 4th of July they sold 1,040 shakes total with the ratio of chocolate to vanilla being 9:4. How many chocolate shakes did they sell?



**Answers**

Ex. 720

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

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

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

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

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

1) In August, Katie's Clothing Store sold 858 shirts with the ratio of short sleeve to long sleeve being 3:8. How many short sleeve shirts were sold?

2) A store had 1,728 sodas, both diet and regular. The ratio of diet sodas to regular sodas was 10:8. How many diet sodas were there?

3) At the fair the ratio of male to females was 3:6. If there are 270 people at the fair how many males are there?

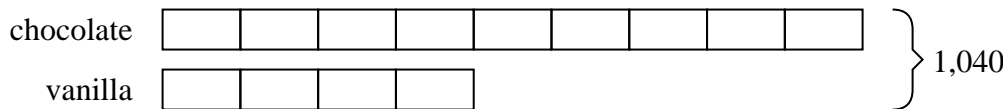
4) A cable company had 176 subscribers. The ratio of regular subscribers to premium subscribers was 7:4. How many regular subscribers did they have?

5) During an local election the ratio of teens to adults who voted was 7:4. If 308 people voted how many were teens?

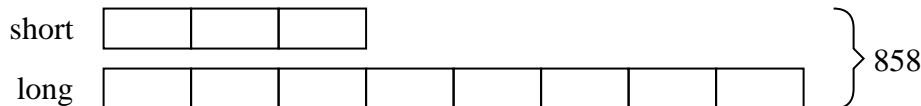


Solve each problem using a tape diagram.

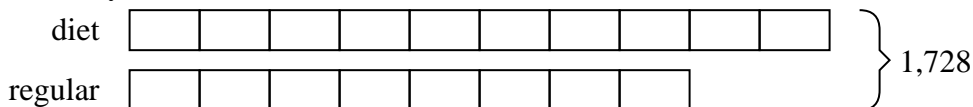
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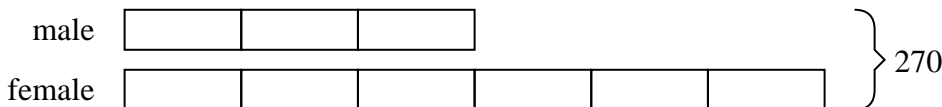
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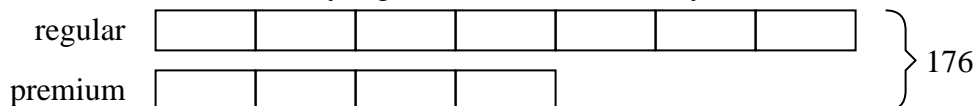
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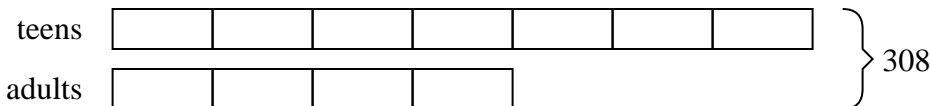
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**Answers**

- Ex. 720
1. 234
2. 960
3. 90
4. 112
5. 196