



Solve each problem using a tape diagram.

Answers

Ex) In August, Lana's Clothing Store sold 300 shirts with the ratio of short sleeve to long sleeve being 4:2. How many short sleeve shirts were sold?

Ex. 200

1) A cable company had 1,320 subscribers. The ratio of regular subscribers to premium subscribers was 10:5. How many regular subscribers did they have?

1. _____

2. _____

3. _____

4. _____

5. _____

2) Billy's Ice Cream Hut had Chocolate or Vanilla shakes. On the 4th of July they sold 1,218 shakes total with the ratio of chocolate to vanilla being 8:6. How many chocolate shakes did they sell?

3) At the fair the ratio of male to females was 7:9. If there are 752 people at the fair how many males are there?

4) During an local election the ratio of teens to adults who voted was 5:8. If 195 people voted how many were teens?

5) Adam was looking at his streaming music stats. The ratio of songs he liked to disliked was 9:5. If he listened to 322 songs total how many did he like?

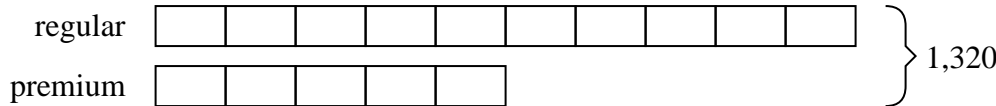


Solve each problem using a tape diagram.

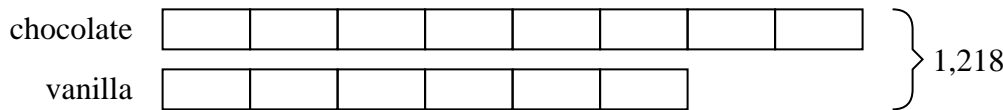
Ex) In August, Lana's Clothing Store sold 300 shirts with the ratio of short sleeve to long sleeve being 4:2. How many short sleeve shirts were sold?



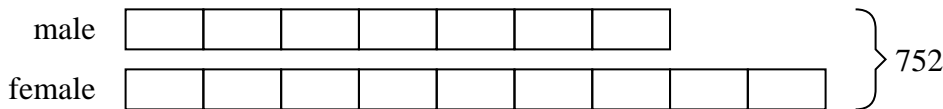
1) A cable company had 1,320 subscribers. The ratio of regular subscribers to premium subscribers was 10:5. How many regular subscribers did they have?



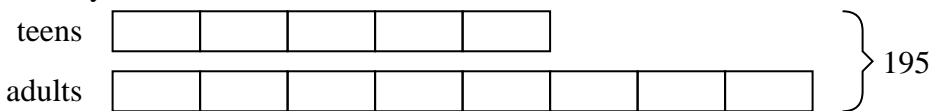
2) Billy's Ice Cream Hut had Chocolate or Vanilla shakes. On the 4th of July they sold 1,218 shakes total with the ratio of chocolate to vanilla being 8:6. How many chocolate shakes did they sell?



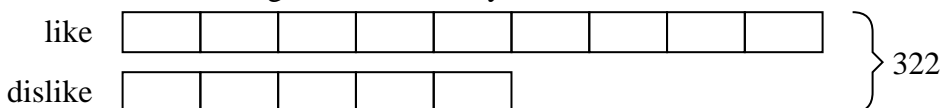
3) At the fair the ratio of male to females was 7:9. If there are 752 people at the fair how many males are there?



4) During an local election the ratio of teens to adults who voted was 5:8. If 195 people voted how many were teens?



5) Adam was looking at his streaming music stats. The ratio of songs he liked to disliked was 9:5. If he listened to 322 songs total how many did he like?



Answers

Ex. 200

1. 880

2. 696

3. 329

4. 75

5. 207