



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?

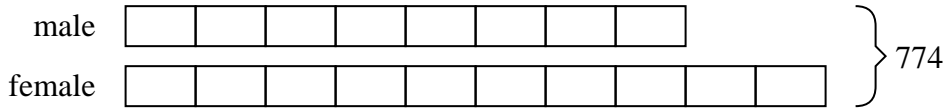
4) A store had 732 sodas, both diet and regular. The ratio of diet sodas to regular sodas was 2:10. How many diet sodas were there?

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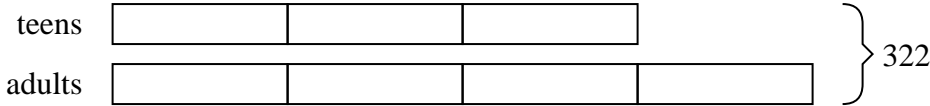
Ex) At the fair the ratio of male to females was 8:10. If there are 774 people at the fair how many males are there?



Answers

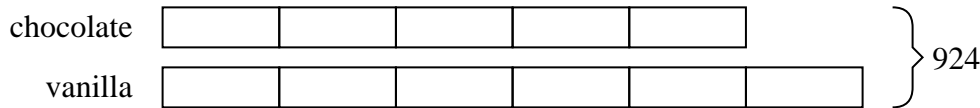
Ex. 344

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



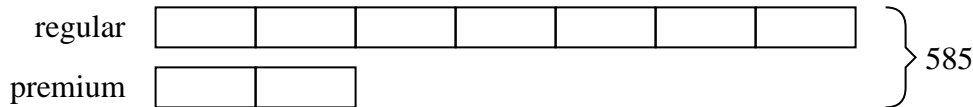
1. 138

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?



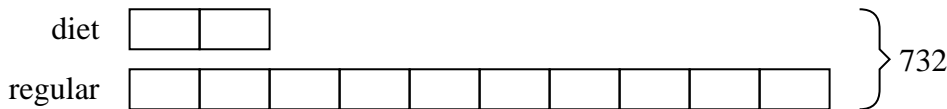
2. 420

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?



3. 455

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?



4. 122

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?



5. 360