



Solve each problem using a tape diagram.

Answers

Ex) A cable company had 432 subscribers. The ratio of regular subscribers to premium subscribers was 7:2. How many regular subscribers did they have?

Ex. 336

1) At the fair the ratio of male to females was 10:3. If there are 793 people at the fair how many males are there?

1. _____

2. _____

3. _____

4. _____

5. _____

2) A store had 372 sodas, both diet and regular. The ratio of diet sodas to regular sodas was 7:5. How many diet sodas were there?

3) Paul was looking at his streaming music stats. The ratio of songs he liked to disliked was 8:4. If he listened to 852 songs total how many did he like?

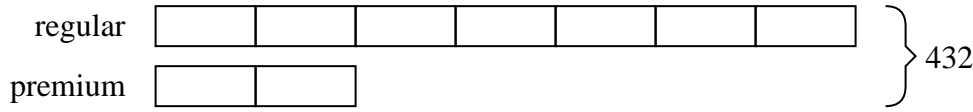
4) During an local election the ratio of teens to adults who voted was 10:9. If 247 people voted how many were teens?

5) John's Ice Cream Hut had Chocolate or Vanilla shakes. On the 4th of July they sold 588 shakes total with the ratio of chocolate to vanilla being 2:10. How many chocolate shakes did they sell?



Solve each problem using a tape diagram.

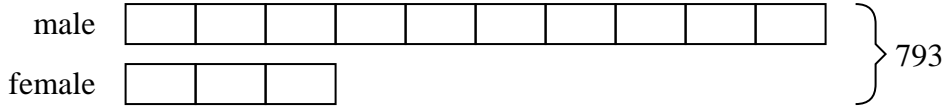
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Answers

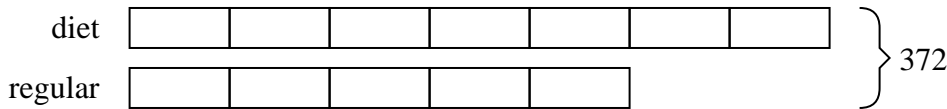
Ex. 336

1) At the fair the ratio of male to females was 10:3. If there are 793 people at the fair how many males are there?



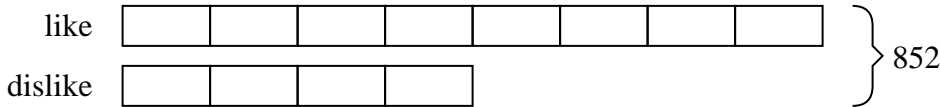
1. 610

2) A store had 372 sodas, both diet and regular. The ratio of diet sodas to regular sodas was 7:5. How many diet sodas were there?



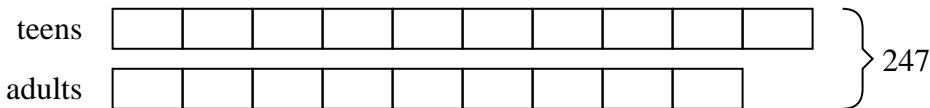
2. 217

3) Paul was looking at his streaming music stats. The ratio of songs he liked to disliked was 8:4. If he listened to 852 songs total how many did he like?



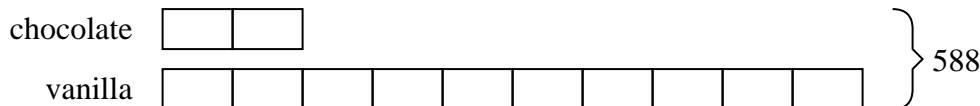
3. 568

4) During an local election the ratio of teens to adults who voted was 10:9. If 247 people voted how many were teens?



4. 130

5) John's Ice Cream Hut had Chocolate or Vanilla shakes. On the 4th of July they sold 588 shakes total with the ratio of chocolate to vanilla being 2:10. How many chocolate shakes did they sell?



5. 98