



Solve each problem using a tape diagram.

**Answers**

Ex) A cable company had 756 subscribers. The ratio of regular subscribers to premium subscribers was 8:4. How many regular subscribers did they have?

Ex. 504

1) Adam's Ice Cream Hut had Chocolate or Vanilla shakes. On the 4th of July they sold 1,386 shakes total with the ratio of chocolate to vanilla being 5:9. How many chocolate shakes did they sell?

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

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

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

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

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

2) A store had 880 sodas, both diet and regular. The ratio of diet sodas to regular sodas was 9:2. How many diet sodas were there?

3) Billy was looking at his streaming music stats. The ratio of songs he liked to disliked was 4:2. If he listened to 228 songs total how many did he like?

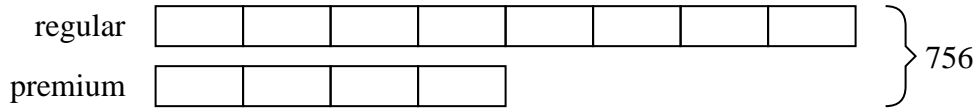
4) During an local election the ratio of teens to adults who voted was 5:8. If 741 people voted how many were teens?

5) At the fair the ratio of male to females was 7:8. If there are 930 people at the fair how many males are there?



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1. 495

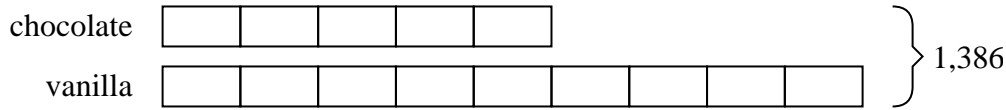
2. 720

3. 152

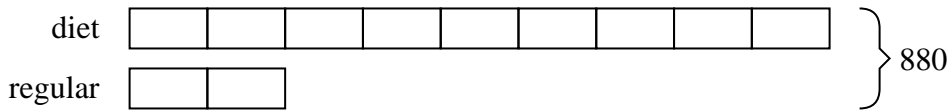
4. 285

5. 434

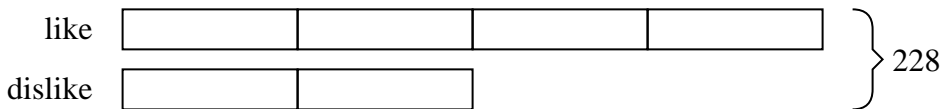
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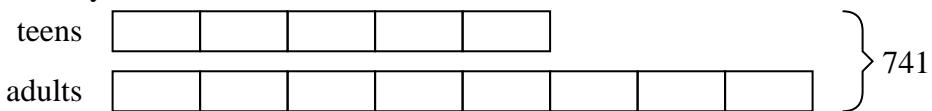
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