



Solve each problem using a tape diagram.

Answers

Ex) A cable company had 663 subscribers. The ratio of regular subscribers to premium subscribers was 8:9. How many regular subscribers did they have?

Ex. 312

1) John's Ice Cream Hut had Chocolate or Vanilla shakes. On the 4th of July they sold 714 shakes total with the ratio of chocolate to vanilla being 10:7. How many chocolate shakes did they sell?

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

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

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

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

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

2) Oliver was looking at his streaming music stats. The ratio of songs he liked to disliked was 7:6. If he listened to 1,079 songs total how many did he like?

3) During an local election the ratio of teens to adults who voted was 3:6. If 828 people voted how many were teens?

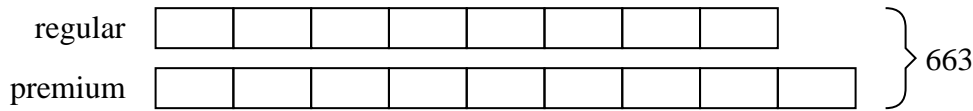
4) At the fair the ratio of male to females was 8:10. If there are 324 people at the fair how many males are there?

5) In August, Amy's Clothing Store sold 585 shirts with the ratio of short sleeve to long sleeve being 3:6. How many short sleeve shirts were sold?

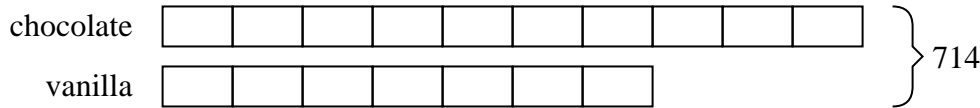


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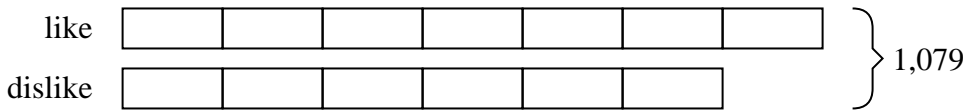
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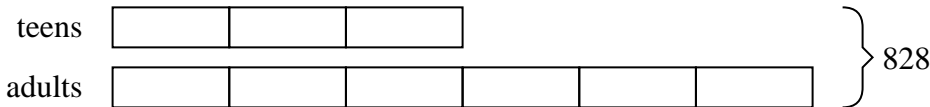
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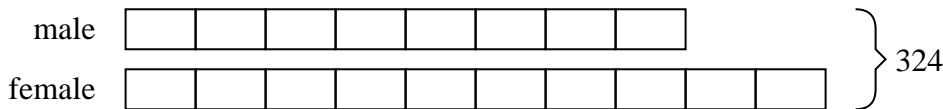
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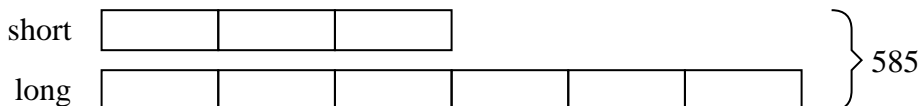
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Answers

Ex. 312

1. 420

2. 581

3. 276

4. 144

5. 195