



Solve each problem using a tape diagram.

Answers

Ex) A store had 1,215 sodas, both diet and regular. The ratio of diet sodas to regular sodas was 9:6. How many diet sodas were there?

Ex. 729

1) A cable company had 576 subscribers. The ratio of regular subscribers to premium subscribers was 2:6. How many regular subscribers did they have?

1. _____

2. _____

3. _____

4. _____

5. _____

2) During an local election the ratio of teens to adults who voted was 10:9. If 1,349 people voted how many were teens?

3) Paul's Ice Cream Hut had Chocolate or Vanilla shakes. On the 4th of July they sold 624 shakes total with the ratio of chocolate to vanilla being 10:3. How many chocolate shakes did they sell?

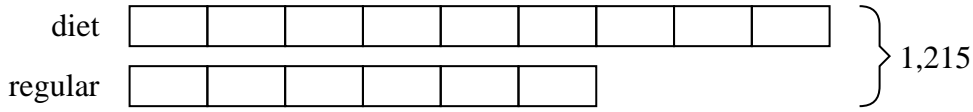
4) Kaleb was looking at his streaming music stats. The ratio of songs he liked to disliked was 8:5. If he listened to 793 songs total how many did he like?

5) In August, Olivia's Clothing Store sold 348 shirts with the ratio of short sleeve to long sleeve being 4:8. How many short sleeve shirts were sold?



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Answers

Ex. 729

1. 144

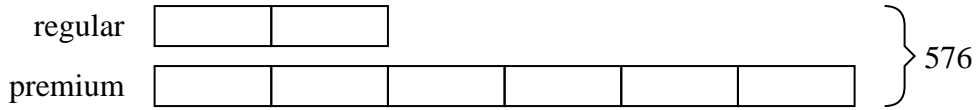
2. 710

3. 480

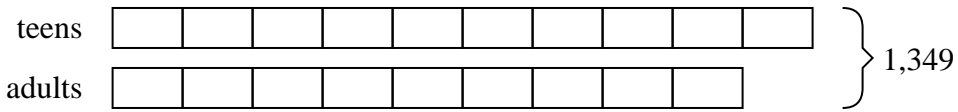
4. 488

5. 116

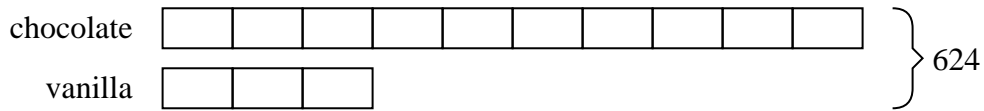
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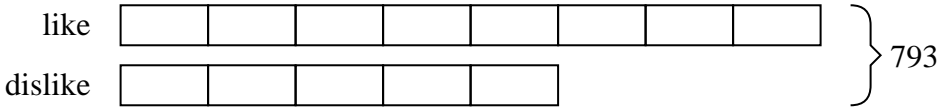
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