



Solve each problem using a tape diagram.

Answers

Ex) A store had 1,080 sodas, both diet and regular. The ratio of diet sodas to regular sodas was 5:10. How many diet sodas were there?

Ex. 360

1) In August, Paige's Clothing Store sold 112 shirts with the ratio of short sleeve to long sleeve being 5:3. How many short sleeve shirts were sold?

1. _____

2. _____

3. _____

4. _____

5. _____

2) At the fair the ratio of male to females was 3:6. If there are 657 people at the fair how many males are there?

3) During an local election the ratio of teens to adults who voted was 2:5. If 231 people voted how many were teens?

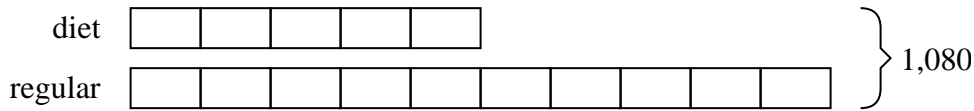
4) A cable company had 285 subscribers. The ratio of regular subscribers to premium subscribers was 10:5. How many regular subscribers did they have?

5) Roger's Ice Cream Hut had Chocolate or Vanilla shakes. On the 4th of July they sold 279 shakes total with the ratio of chocolate to vanilla being 2:7. How many chocolate shakes did they sell?

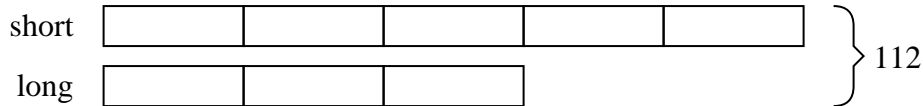


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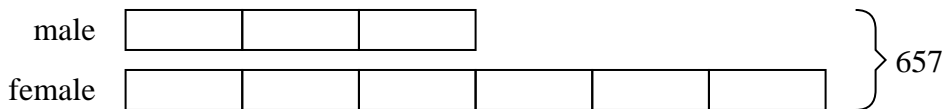
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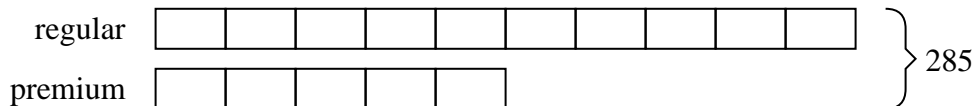
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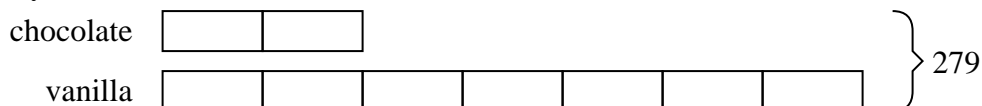
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AnswersEx. 3601. 702. 2193. 664. 1905. 62