



Solve each problem using a tape diagram.

Answers

Ex) During an local election the ratio of teens to adults who voted was 10:5. If 1,290 people voted how many were teens?

Ex. 860

1) At the fair the ratio of male to females was 5:2. If there are 175 people at the fair how many males are there?

1. _____

2. _____

3. _____

4. _____

5. _____

2) In August, Carol's Clothing Store sold 1,209 shirts with the ratio of short sleeve to long sleeve being 5:8. How many short sleeve shirts were sold?

3) Cody's Ice Cream Hut had Chocolate or Vanilla shakes. On the 4th of July they sold 228 shakes total with the ratio of chocolate to vanilla being 8:4. How many chocolate shakes did they sell?

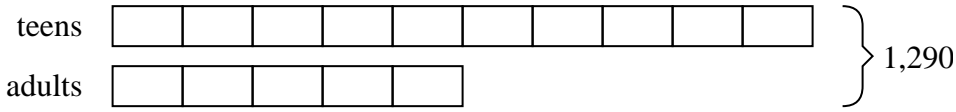
4) A cable company had 208 subscribers. The ratio of regular subscribers to premium subscribers was 9:4. How many regular subscribers did they have?

5) A store had 216 sodas, both diet and regular. The ratio of diet sodas to regular sodas was 2:6. How many diet sodas were there?



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Answers

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1. 125

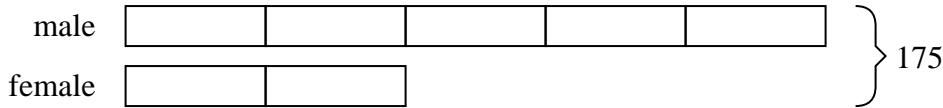
2. 465

3. 152

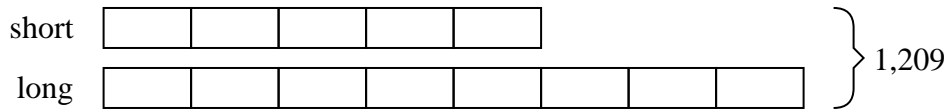
4. 144

5. 54

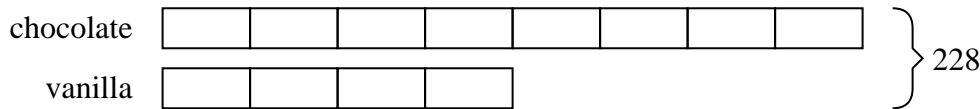
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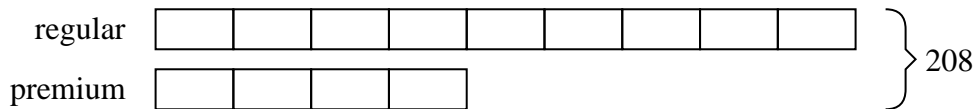
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