



Solve each problem using a tape diagram.

Answers

Ex) Paul was looking at his streaming music stats. The ratio of songs he liked to disliked was 6:8. If he listened to 336 songs total how many did he like?

Ex. 144

1) In August, Carol's Clothing Store sold 234 shirts with the ratio of short sleeve to long sleeve being 10:8. How many short sleeve shirts were sold?

1. _____

2. _____

3. _____

4. _____

5. _____

2) A cable company had 144 subscribers. The ratio of regular subscribers to premium subscribers was 2:6. How many regular subscribers did they have?

3) A store had 1,024 sodas, both diet and regular. The ratio of diet sodas to regular sodas was 9:7. How many diet sodas were there?

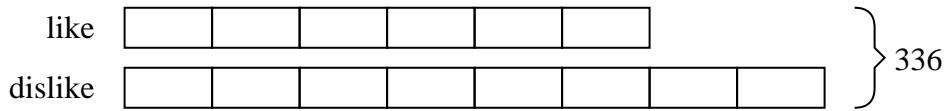
4) Sam's Ice Cream Hut had Chocolate or Vanilla shakes. On the 4th of July they sold 790 shakes total with the ratio of chocolate to vanilla being 8:2. How many chocolate shakes did they sell?

5) During an local election the ratio of teens to adults who voted was 7:8. If 810 people voted how many were teens?

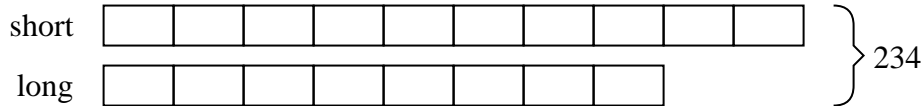


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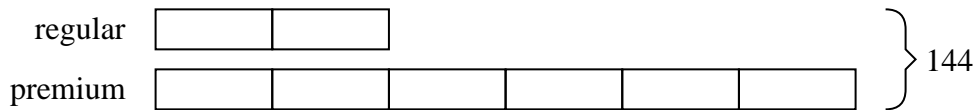
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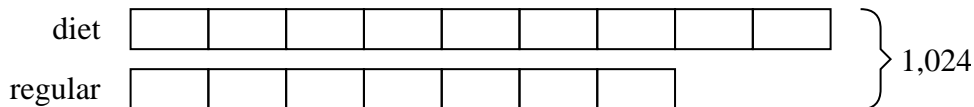
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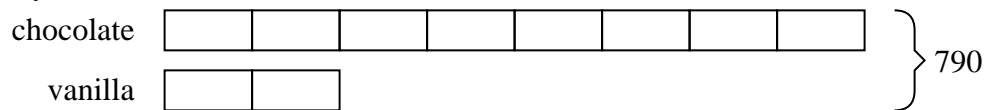
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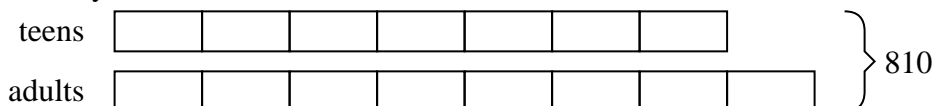
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AnswersEx. 1441. 1302. 363. 5764. 6325. 378