



Solve each problem using a tape diagram.

Answers

Ex) A cable company had 100 subscribers. The ratio of regular subscribers to premium subscribers was 8:2. How many regular subscribers did they have?

Ex. 80

1) During an local election the ratio of teens to adults who voted was 8:7. If 360 people voted how many were teens?

1. _____

2. _____

3. _____

4. _____

5. _____

2) Mike was looking at his streaming music stats. The ratio of songs he liked to disliked was 6:7. If he listened to 325 songs total how many did he like?

3) A store had 504 sodas, both diet and regular. The ratio of diet sodas to regular sodas was 2:4. How many diet sodas were there?

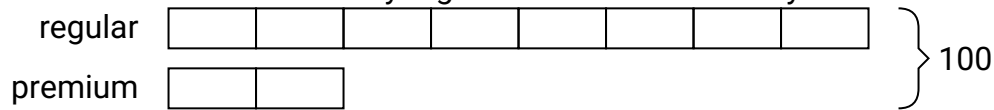
4) At the fair the ratio of male to females was 7:5. If there are 396 people at the fair how many males are there?

5) In August, Tiffany's Clothing Store sold 726 shirts with the ratio of short sleeve to long sleeve being 3:8. How many short sleeve shirts were sold?

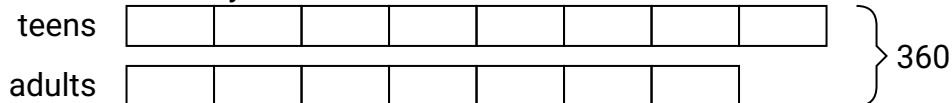


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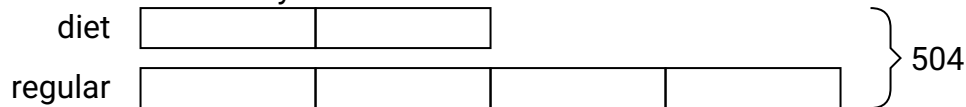
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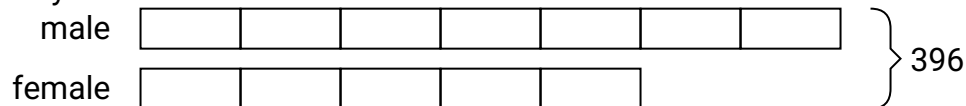
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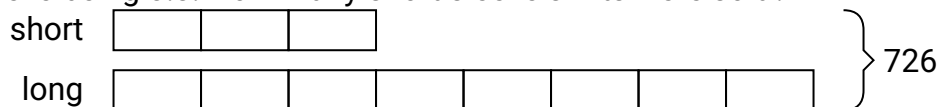
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**Answers**Ex. 801. 1922. 1503. 1684. 2315. 198