



Solve each problem using a tape diagram.

Answers

Ex) During an local election the ratio of teens to adults who voted was 8:3. If 704 people voted how many were teens?

Ex. 512

1) A store had 441 sodas, both diet and regular. The ratio of diet sodas to regular sodas was 6:3. How many diet sodas were there?

1. \_\_\_\_\_

2. \_\_\_\_\_

2) At the fair the ratio of male to females was 6:3. If there are 378 people at the fair how many males are there?

3. \_\_\_\_\_

4. \_\_\_\_\_

3) Paul was looking at his streaming music stats. The ratio of songs he liked to disliked was 5:6. If he listened to 385 songs total how many did he like?

5. \_\_\_\_\_

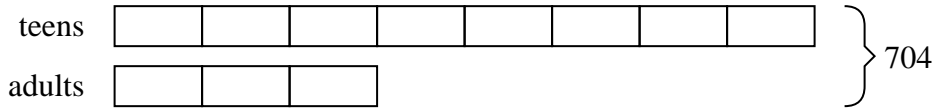
4) In August, Emily's Clothing Store sold 427 shirts with the ratio of short sleeve to long sleeve being 4:3. How many short sleeve shirts were sold?

5) A cable company had 280 subscribers. The ratio of regular subscribers to premium subscribers was 2:3. How many regular subscribers did they have?

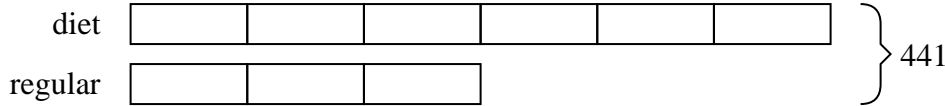


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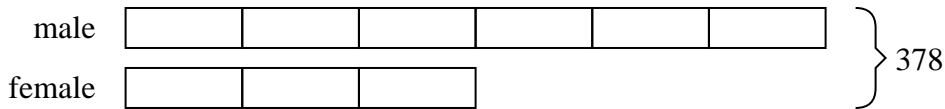
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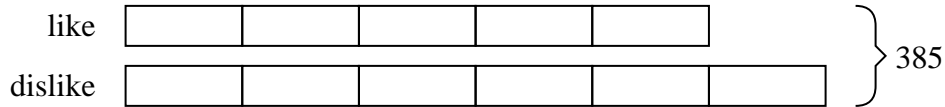
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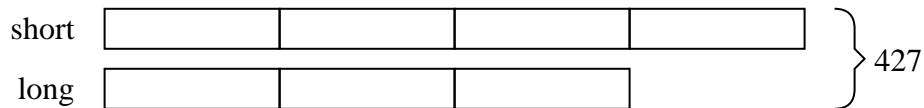
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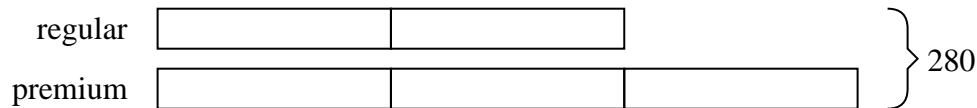
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AnswersEx. 5121. 2942. 2523. 1754. 2445. 112