



Ratios With Tape Diagram

Name: _____

Solve each problem using a tape diagram.

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?

Answers

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) 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?

2. _____

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?

3. _____

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?

4. _____

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?

5. _____

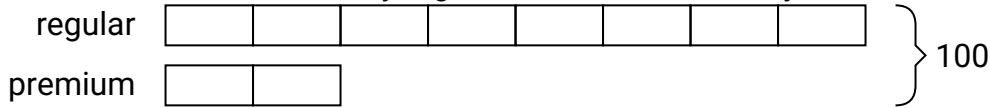


Ratios With Tape Diagram

Name: **Answer Key**

Solve each problem using a tape diagram.

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?



Answers

Ex. **80**

1. **192**

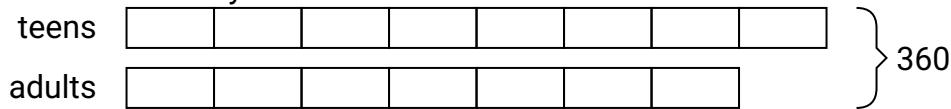
2. **150**

3. **168**

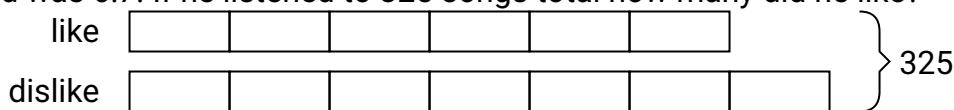
4. **231**

5. **198**

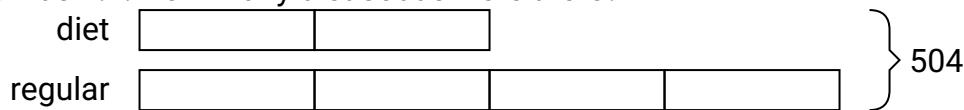
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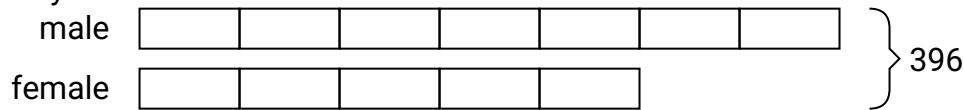
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