



Ratios With Tape Diagram

Name: _____

Solve each problem using a tape diagram.

Ex) At the fair the ratio of male to females was 9:3. If there are 444 people at the fair how many males are there?

Answers

333

1) A cable company had 387 subscribers. The ratio of regular subscribers to premium subscribers was 6:3. How many regular subscribers did they have?

Ex. _____

1. _____

2. _____

3. _____

4. _____

5. _____

2) Will's Ice Cream Hut had Chocolate or Vanilla shakes. On the 4th of July they sold 935 shakes total with the ratio of chocolate to vanilla being 8:9. How many chocolate shakes did they sell?

3) In August, Robin's Clothing Store sold 477 shirts with the ratio of short sleeve to long sleeve being 2:7. How many short sleeve shirts were sold?

4) A store had 1,462 sodas, both diet and regular. The ratio of diet sodas to regular sodas was 7:10. How many diet sodas were there?

5) Cody was looking at his streaming music stats. The ratio of songs he liked to disliked was 6:7. If he listened to 1,014 songs total how many did he like?

1-5 80 60 40 20 0

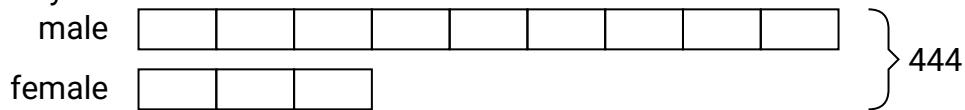


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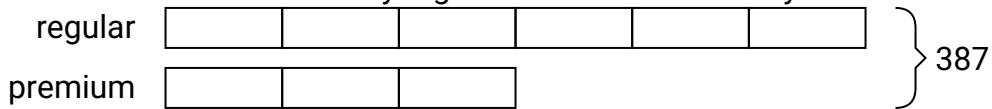
Name: **Answer Key**

Solve each problem using a tape diagram.

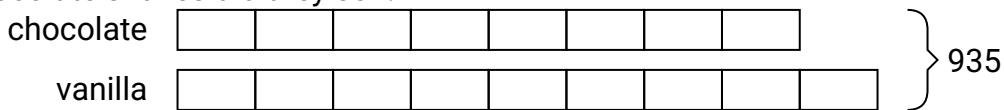
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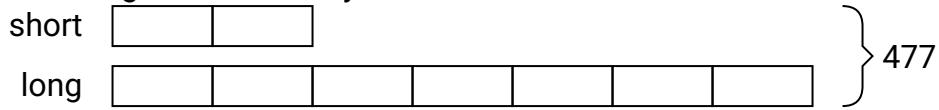
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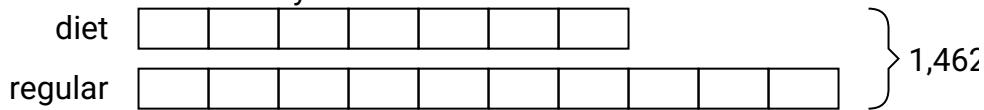
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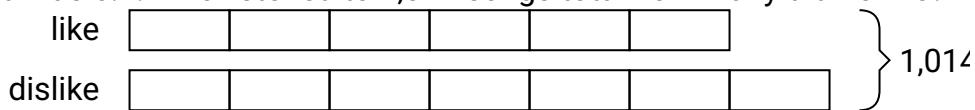
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Answers

Ex. **333**

1. **258**

2. **440**

3. **106**

4. **602**

5. **468**