



## Ratios With Tape Diagram

Name: \_\_\_\_\_

Solve each problem using a tape diagram.

Ex) Luke was looking at his streaming music stats. The ratio of songs he liked to disliked was 3:9. If he listened to 408 songs total how many did he like?

**Answers**

Ex. **102**

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

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

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

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

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

1) At the fair the ratio of male to females was 9:4. If there are 1,105 people at the fair how many males are there?

2) A cable company had 132 subscribers. The ratio of regular subscribers to premium subscribers was 4:8. How many regular subscribers did they have?

3) In August, Maria's Clothing Store sold 1,164 shirts with the ratio of short sleeve to long sleeve being 3:9. How many short sleeve shirts were sold?

4) During an local election the ratio of teens to adults who voted was 10:2. If 492 people voted how many were teens?

5) A store had 868 sodas, both diet and regular. The ratio of diet sodas to regular sodas was 5:9. How many diet sodas were there?

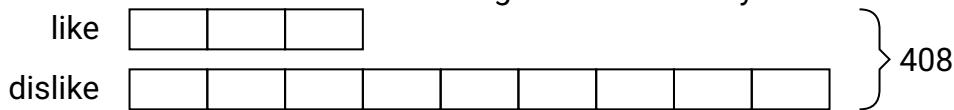


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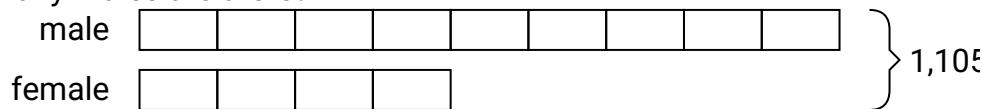
Name: **Answer Key**

Solve each problem using a tape diagram.

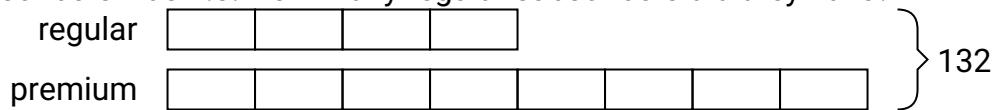
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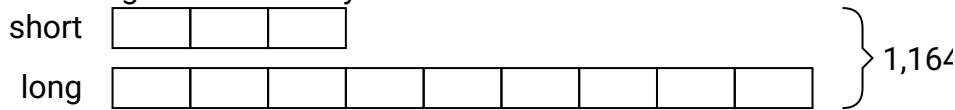
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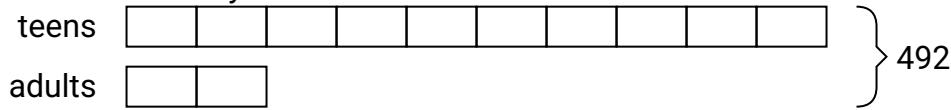
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**Answers**

Ex. **102**

1. **765**

2. **44**

3. **291**

4. **410**

5. **310**