



Solve each problem using a tape diagram.

- 1) A store had 1,288 sodas, both diet and regular. The ratio of diet sodas to regular sodas was 10:4. How many diet sodas were there?
  
  
  
  
  
  
  
  
  
  
- 2) Henry was looking at his streaming music stats. The ratio of songs he liked to disliked was 3:5. If he listened to 784 songs total how many did he like?
  
  
  
  
  
  
  
  
  
  
- 3) In August, Haley's Clothing Store sold 266 shirts with the ratio of short sleeve to long sleeve being 10:9. How many short sleeve shirts were sold?
  
  
  
  
  
  
  
  
  
  
- 4) At the fair the ratio of male to females was 5:2. If there are 658 people at the fair how many males are there?
  
  
  
  
  
  
  
  
  
  
- 5) During an local election the ratio of teens to adults who voted was 10:8. If 1,764 people voted how many were teens?

Answers

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

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

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

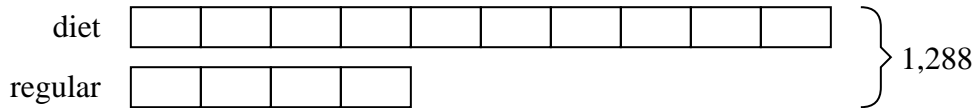
4. \_\_\_\_\_

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

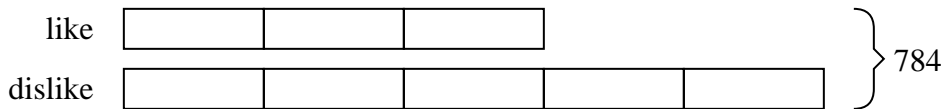


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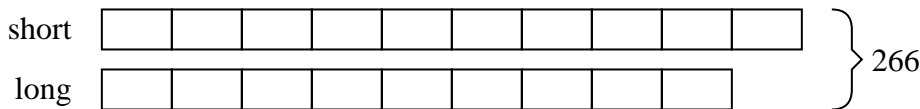
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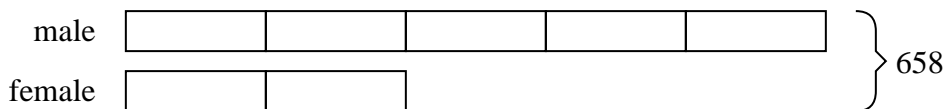
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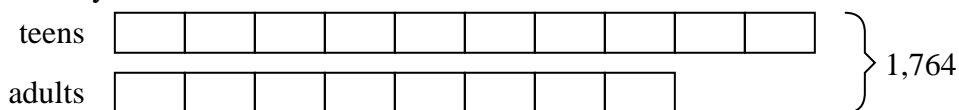
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- 4) At the fair the ratio of male to females was 5:2. If there are 658 people at the fair how many males are there?



- 5) During an local election the ratio of teens to adults who voted was 10:8. If 1,764 people voted how many were teens?

Answers

1. 920
2. 294
3. 140
4. 470
5. 980