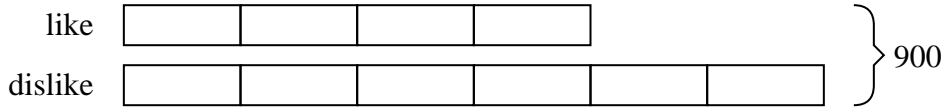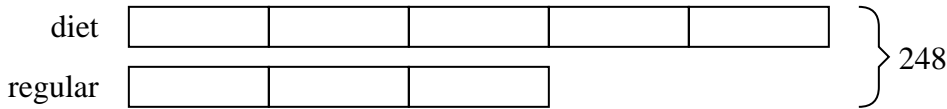|	Ratios With Tape Diagram	Name:

Solve each problem using a tape diagram.

1) Sam was looking at his streaming music stats. The ratio of songs he liked to disliked was 4:6. If he listened to 900 songs total how many did he like?

2) A store had 248 sodas, both diet and regular. The ratio of diet sodas to regular sodas was 5:3. How many diet sodas were there?

3) At the fair the ratio of male to females was 4:3. If there are 518 people at the fair how many males are there?

4) Henry's Ice Cream Hut had Chocolate or Vanilla shakes. On the 4th of July they sold 252 shakes total with the ratio of chocolate to vanilla being 10:2. How many chocolate shakes did they sell?

5) During an local election the ratio of teens to adults who voted was 7:9. If 1,008 people voted how many were teens?

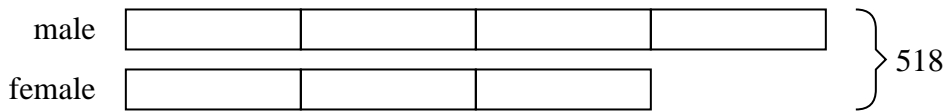**Math**

Name: **Answer Key**

Solve each problem using a tape diagram.

1) Sam was looking at his streaming music stats. The ratio of songs he liked to disliked was 4:6. If he listened to 900 songs total how many did he like?
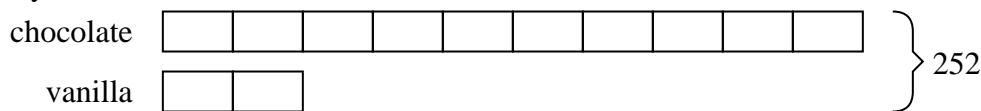
like

dislike

} 900

1. **360**

2) A store had 248 sodas, both diet and regular. The ratio of diet sodas to regular sodas was 5:3. How many diet sodas were there?

diet

regular

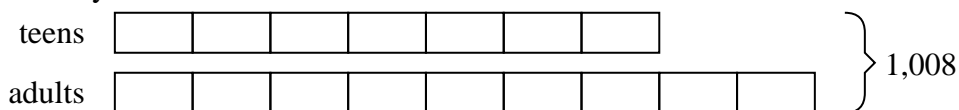} 248

2. **155**

3. **296**

4. **210**

3) At the fair the ratio of male to females was 4:3. If there are 518 people at the fair how many males are there?

male

female

} 518

5. **441**

4) Henry's Ice Cream Hut had Chocolate or Vanilla shakes. On the 4th of July they sold 252 shakes total with the ratio of chocolate to vanilla being 10:2. How many chocolate shakes did they sell?

chocolate

vanilla

} 252

5) During an local election the ratio of teens to adults who voted was 7:9. If 1,008 people voted how many were teens?

teens

adults

} 1,008

Math

1-5 | 80 | 60 | 40 | 20 | 0