Ratios With Tape Diagram   Name:

Solve each problem using a tape diagram.

Ex) A store had 532 sodas, both diet and regular. The ratio of diet sodas to regular sodas was 8:6. How many diet sodas were there?

Ex. _____**304**_____

1) At the fair the ratio of male to females was 3:6. If there are 306 people at the fair how many males are there?

1. _____

2. _____

3. _____

4. _____

5. _____

2) During an local election the ratio of teens to adults who voted was 2:5. If 539 people voted how many were teens?

3) In August, Robin's Clothing Store sold 200 shirts with the ratio of short sleeve to long sleeve being 2:6. How many short sleeve shirts were sold?
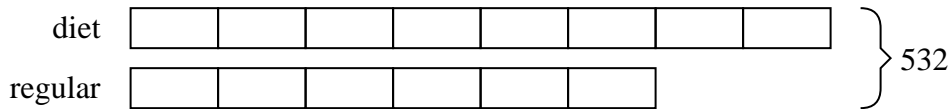
4) A cable company had 430 subscribers. The ratio of regular subscribers to premium subscribers was 4:6. How many regular subscribers did they have?

5) Sam was looking at his streaming music stats. The ratio of songs he liked to disliked was 3:5. If he listened to 448 songs total how many did he like?
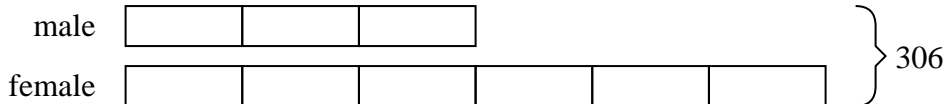
Math

Name: **Answer Key**

Solve each problem using a tape diagram.

Answers

Ex) A store had 532 sodas, both diet and regular. The ratio of diet sodas to regular sodas was 8:6. How many diet sodas were there?

diet

regular

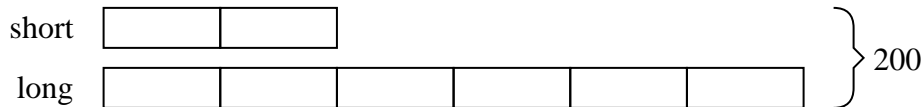} 532

Ex. **304**

1) At the fair the ratio of male to females was 3:6. If there are 306 people at the fair how many males are there?
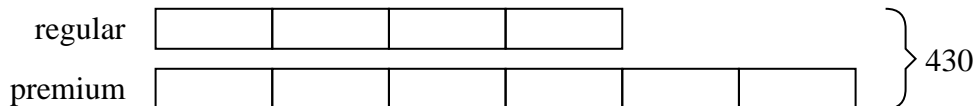
male

female

} 306

1. **102**

2. **154**

2) During an local election the ratio of teens to adults who voted was 2:5. If 539 people voted how many were teens?
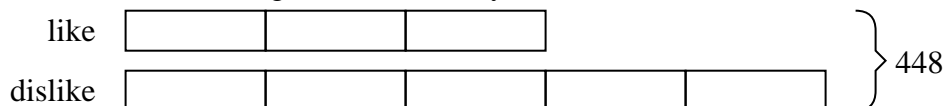
teens

adults

} 539

3. **50**

4. **172**

3) In August, Robin's Clothing Store sold 200 shirts with the ratio of short sleeve to long sleeve being 2:6. How many short sleeve shirts were sold?

short

long

} 200

5. **168**

4) A cable company had 430 subscribers. The ratio of regular subscribers to premium subscribers was 4:6. How many regular subscribers did they have?

regular

premium

} 430

5) Sam was looking at his streaming music stats. The ratio of songs he liked to disliked was 3:5. If he listened to 448 songs total how many did he like?

like

dislike

} 448

Math

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