Ratios With Tape Diagram

Name:

Solve each problem using a tape diagram.

Ex) During an local election the ratio of teens to adults who voted was 7:6. If 234 people voted how many were teens?

Ex. _____ **126**

1. _____

2. _____

1) Paul's Ice Cream Hut had Chocolate or Vanilla shakes. On the 4th of July they sold 1,254 shakes total with the ratio of chocolate to vanilla being 10:9. How many chocolate shakes did they sell?

3. _____

4. _____

5. _____

2) At the fair the ratio of male to females was 6:8. If there are 1,330 people at the fair how many males are there?

3) A store had 540 sodas, both diet and regular. The ratio of diet sodas to regular sodas was 10:5. How many diet sodas were there?
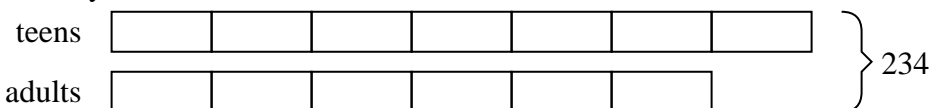
4) A cable company had 828 subscribers. The ratio of regular subscribers to premium subscribers was 5:4. How many regular subscribers did they have?

5) In August, Gwen's Clothing Store sold 165 shirts with the ratio of short sleeve to long sleeve being 3:2. How many short sleeve shirts were sold?
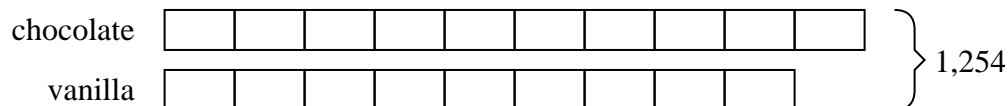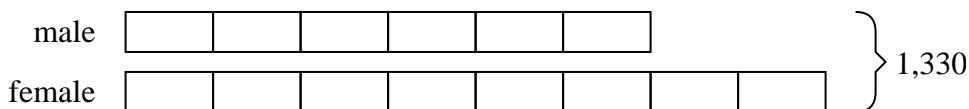
Math

Ratios With Tape Diagram

Name: **Answer Key**

Solve each problem using a tape diagram.

Answers

Ex) During an local election the ratio of teens to adults who voted was 7:6. If 234 people voted how many were teens?
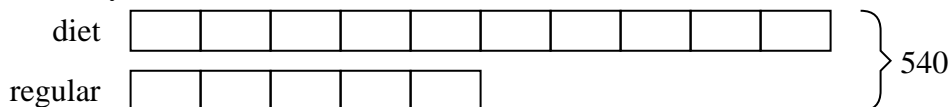
teens

adults

} 234

Ex. _____ **126**

1) Paul's Ice Cream Hut had Chocolate or Vanilla shakes. On the 4th of July they sold 1,254 shakes total with the ratio of chocolate to vanilla being 10:9. How many chocolate shakes did they sell?
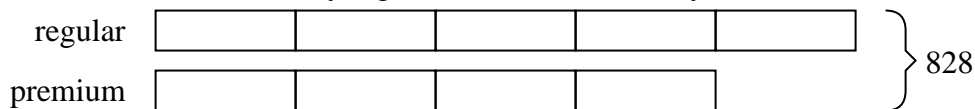
chocolate

vanilla

} 1,254

1. _____ **660**

2. _____ **570**

3. _____ **360**

2) At the fair the ratio of male to females was 6:8. If there are 1,330 people at the fair how many males are there?

male

female

} 1,330

4. _____ **460**

5. _____ **99**

3) A store had 540 sodas, both diet and regular. The ratio of diet sodas to regular sodas was 10:5. How many diet sodas were there?

diet

regular

} 540

4) A cable company had 828 subscribers. The ratio of regular subscribers to premium subscribers was 5:4. How many regular subscribers did they have?

regular

premium

} 828

5) In August, Gwen's Clothing Store sold 165 shirts with the ratio of short sleeve to long sleeve being 3:2. How many short sleeve shirts were sold?

short

long

} 165