Ratios With Tape Diagram
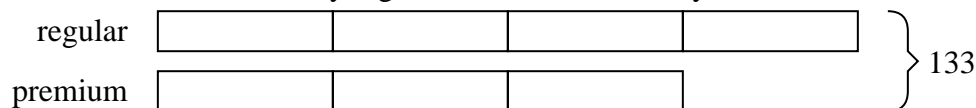
Name:

Solve each problem using a tape diagram.

1) A cable company had 133 subscribers. The ratio of regular subscribers to premium subscribers was 4:3. How many regular subscribers did they have?

1. _____

2. _____

3. _____

4. _____

2) During an local election the ratio of teens to adults who voted was 3:10. If 832 people voted how many were teens?

5. _____

3) At the fair the ratio of male to females was 10:4. If there are 616 people at the fair how many males are there?

4) Ned was looking at his streaming music stats. The ratio of songs he liked to disliked was 7:5. If he listened to 420 songs total how many did he like?

5) In August, Gwen's Clothing Store sold 1,148 shirts with the ratio of short sleeve to long sleeve being 5:9. How many short sleeve shirts were sold?

Math

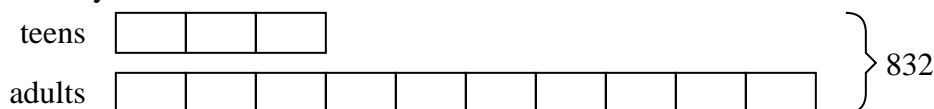www.CommonCoreSheets.com

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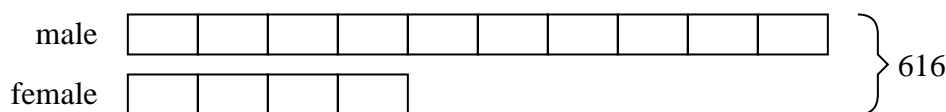
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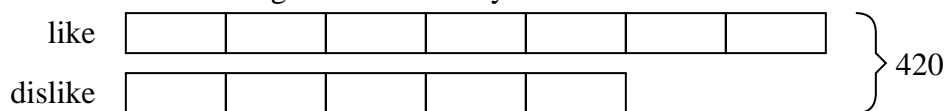
regular

premium

} 133

1. **76**

2) During an local election the ratio of teens to adults who voted was 3:10. If 832 people voted how many were teens?

teens

adults

} 832

2. **192**

3. **440**

4. **245**
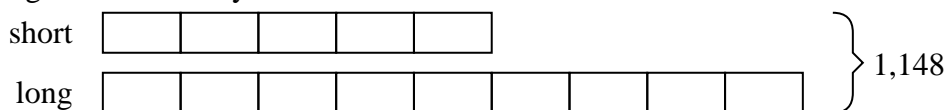
3) At the fair the ratio of male to females was 10:4. If there are 616 people at the fair how many males are there?

male

female

} 616

5. **410**

4) Ned was looking at his streaming music stats. The ratio of songs he liked to disliked was 7:5. If he listened to 420 songs total how many did he like?

like

dislike

} 420

5) In August, Gwen's Clothing Store sold 1,148 shirts with the ratio of short sleeve to long sleeve being 5:9. How many short sleeve shirts were sold?

short

long

} 1,148