

Solve each problem using a tape diagram.

Ex) At the fair the ratio of male to females was 7:9. If there are 752 people at the fair how many males are there?

Answers

Ex. _____**329**

- ____
- 1) Oliver was looking at his streaming music stats. The ratio of songs he liked to disliked was 9:2. If he listened to 176 songs total how many did he like?
- l. _____
- 5. _____
- **2)** During an local election the ratio of teens to adults who voted was 2:9. If 143 people voted how many were teens?

3) In August, Janet's Clothing Store sold 1,092 shirts with the ratio of short sleeve to long sleeve being 9:3. How many short sleeve shirts were sold?

4) A store had 924 sodas, both diet and regular. The ratio of diet sodas to regular sodas was 10:4. How many diet sodas were there?

5) A cable company had 676 subscribers. The ratio of regular subscribers to premium subscribers was 6:7. How many regular subscribers did they have?



Ratios With Tape Diagram

Name:

Answer Key

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male female

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like dislike 176

2) During an local election the ratio of teens to adults who voted was 2:9. If 143 people voted how many were teens?

teens adults 143

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regular 676

- 1. ____144
- **26**
- **819**
- 4. ____660
- 5. **312**

Math