



Solve each problem using a tape diagram.

**Answers**

**Ex)** A cable company had 972 subscribers. The ratio of regular subscribers to premium subscribers was 2:10. How many regular subscribers did they have?

Ex. 162

**1)** At the fair the ratio of male to females was 3:10. If there are 299 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 10:8. If 1,476 people voted how many were teens?

**3)** Dave's Ice Cream Hut had Chocolate or Vanilla shakes. On the 4th of July they sold 630 shakes total with the ratio of chocolate to vanilla being 6:3. How many chocolate shakes did they sell?

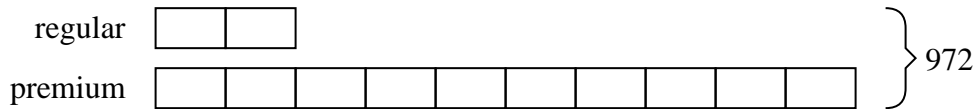
**4)** In August, Faye's Clothing Store sold 576 shirts with the ratio of short sleeve to long sleeve being 3:5. How many short sleeve shirts were sold?

**5)** A store had 77 sodas, both diet and regular. The ratio of diet sodas to regular sodas was 4:3. How many diet sodas were there?

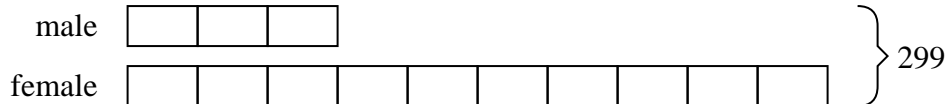


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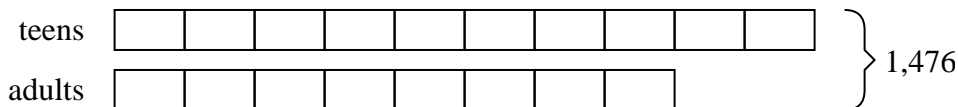
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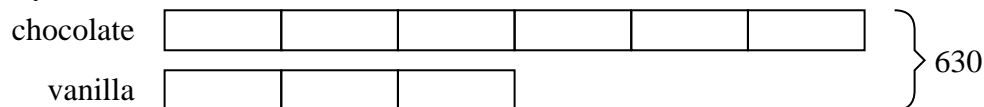
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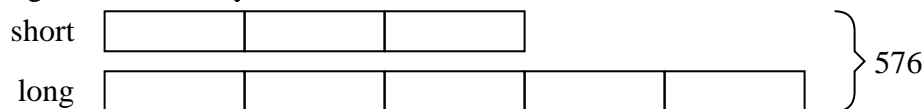
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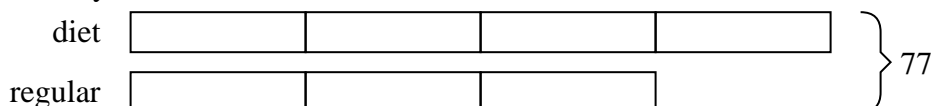
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**Answers**Ex. 1621. 692. 8203. 4204. 2165. 44