



Solve each problem using a tape diagram.

**Answers**

**Ex)** During an local election the ratio of teens to adults who voted was 10:5. If 1,290 people voted how many were teens?

Ex. 860

**1)** At the fair the ratio of male to females was 5:2. If there are 175 people at the fair how many males are there?

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

**2)** In August, Carol's Clothing Store sold 1,209 shirts with the ratio of short sleeve to long sleeve being 5:8. How many short sleeve shirts were sold?

**3)** Cody's Ice Cream Hut had Chocolate or Vanilla shakes. On the 4th of July they sold 228 shakes total with the ratio of chocolate to vanilla being 8:4. How many chocolate shakes did they sell?

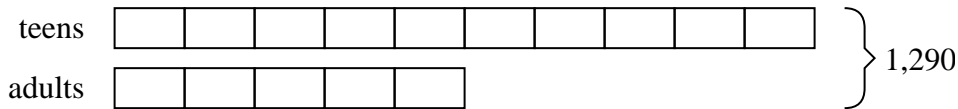
**4)** A cable company had 208 subscribers. The ratio of regular subscribers to premium subscribers was 9:4. How many regular subscribers did they have?

**5)** A store had 216 sodas, both diet and regular. The ratio of diet sodas to regular sodas was 2:6. How many diet sodas were there?

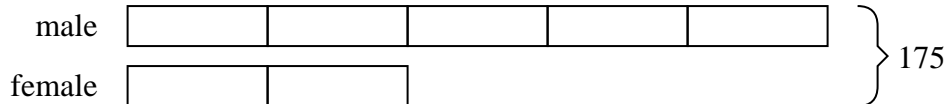


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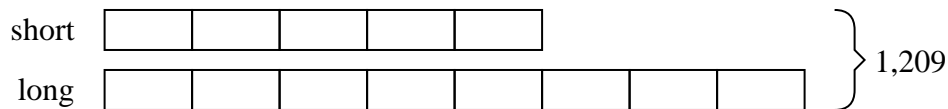
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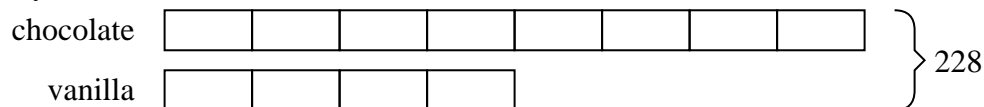
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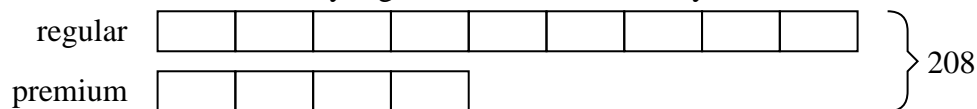
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**Answers**Ex. 8601. 1252. 4653. 1524. 1445. 54