



Solve each problem using a tape diagram.

**Answers**

**Ex)** A store had 180 sodas, both diet and regular. The ratio of diet sodas to regular sodas was 4:6. How many diet sodas were there?

Ex. 72

**1)** During an local election the ratio of teens to adults who voted was 9:4. If 1,131 people voted how many were teens?

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

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

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

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

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

**2)** Jerry's Ice Cream Hut had Chocolate or Vanilla shakes. On the 4th of July they sold 357 shakes total with the ratio of chocolate to vanilla being 5:2. How many chocolate shakes did they sell?

**3)** At the fair the ratio of male to females was 7:3. If there are 340 people at the fair how many males are there?

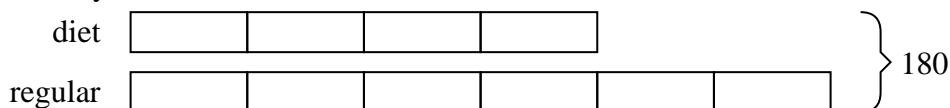
**4)** A cable company had 870 subscribers. The ratio of regular subscribers to premium subscribers was 4:6. How many regular subscribers did they have?

**5)** In August, Emily's Clothing Store sold 1,125 shirts with the ratio of short sleeve to long sleeve being 5:10. How many short sleeve shirts were sold?

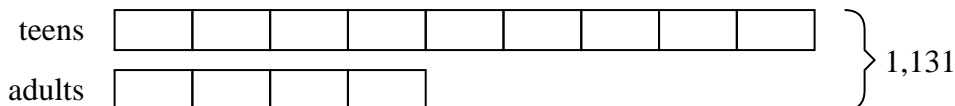


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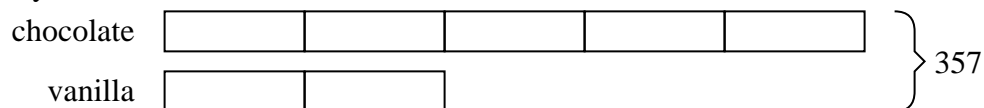
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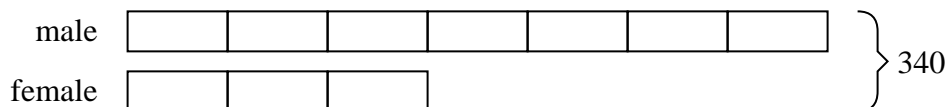
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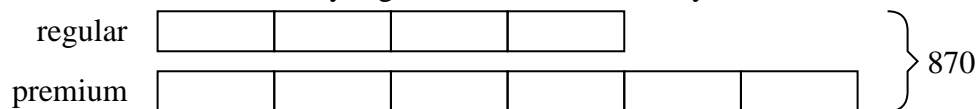
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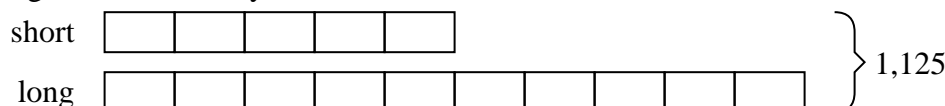
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**Answers**Ex. 721. 7832. 2553. 2384. 3485. 375