



Solve each problem using a tape diagram.

**Answers**

**Ex)** At the fair the ratio of male to females was 3:10. If there are 481 people at the fair how many males are there?

Ex. 111

**1)** In August, Robin's Clothing Store sold 520 shirts with the ratio of short sleeve to long sleeve being 5:8. How many short sleeve shirts were sold?

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

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

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

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

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

**2)** A cable company had 828 subscribers. The ratio of regular subscribers to premium subscribers was 8:10. How many regular subscribers did they have?

**3)** During an local election the ratio of teens to adults who voted was 8:4. If 1,116 people voted how many were teens?

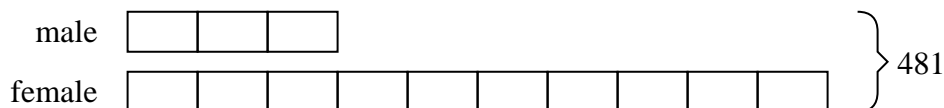
**4)** A store had 765 sodas, both diet and regular. The ratio of diet sodas to regular sodas was 3:6. How many diet sodas were there?

**5)** Billy was looking at his streaming music stats. The ratio of songs he liked to disliked was 6:9. If he listened to 1,125 songs total how many did he like?

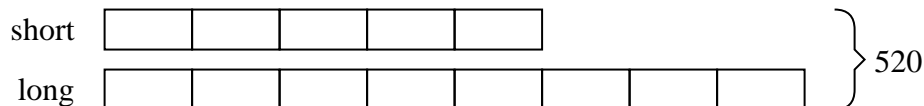


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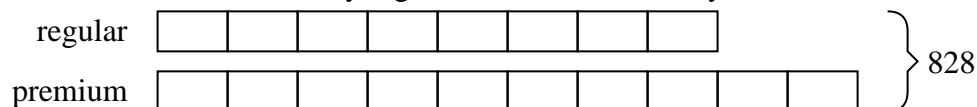
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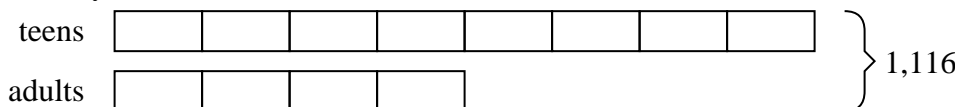
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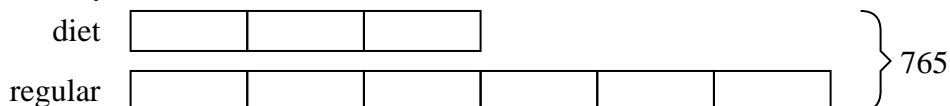
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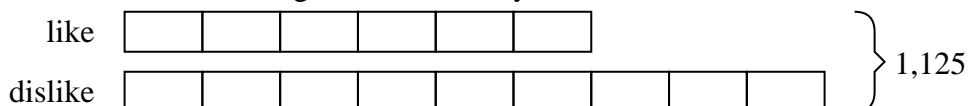
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**Answers**Ex. 1111. 2002. 3683. 7444. 2555. 450