



Solve each problem using a tape diagram.

**Answers**

**Ex)** During an local election the ratio of teens to adults who voted was 3:4. If 308 people voted how many were teens?

Ex. 132

**1)** Victor was looking at his streaming music stats. The ratio of songs he liked to disliked was 6:5. If he listened to 528 songs total how many did he like?

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

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

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

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

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

**2)** A cable company had 418 subscribers. The ratio of regular subscribers to premium subscribers was 10:9. How many regular subscribers did they have?

**3)** At the fair the ratio of male to females was 2:5. If there are 301 people at the fair how many males are there?

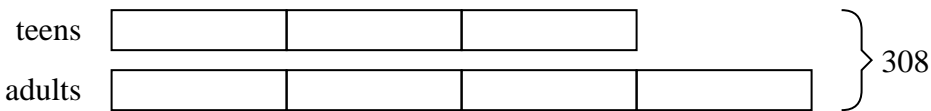
**4)** In August, Maria's Clothing Store sold 400 shirts with the ratio of short sleeve to long sleeve being 7:9. How many short sleeve shirts were sold?

**5)** A store had 253 sodas, both diet and regular. The ratio of diet sodas to regular sodas was 8:3. How many diet sodas were there?

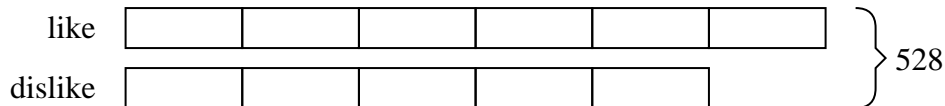


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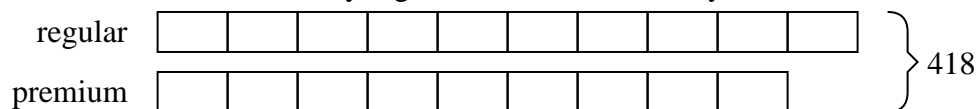
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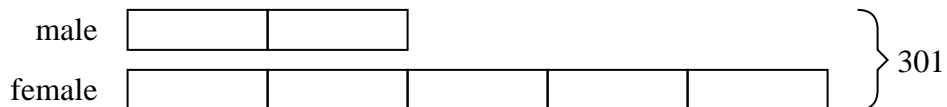
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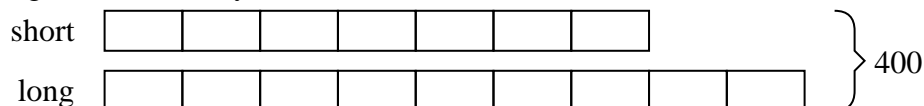
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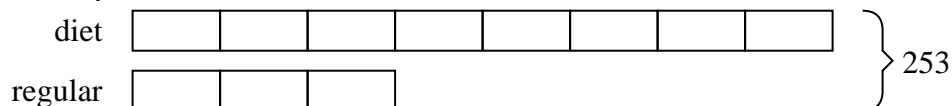
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**Answers**Ex. 1321. 2882. 2203. 864. 1755. 184