



## Ratios With Tape Diagram

Name: \_\_\_\_\_

Solve each problem using a tape diagram.

Ex) A cable company had 405 subscribers. The ratio of regular subscribers to premium subscribers was 9:6. How many regular subscribers did they have?

**Answers**

**243**

Ex. \_\_\_\_\_

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

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

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

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

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

1) Mike's Ice Cream Hut had Chocolate or Vanilla shakes. On the 4th of July they sold 1,312 shakes total with the ratio of chocolate to vanilla being 6:10. How many chocolate shakes did they sell?

2) In August, Tiffany's Clothing Store sold 342 shirts with the ratio of short sleeve to long sleeve being 8:10. How many short sleeve shirts were sold?

3) A store had 510 sodas, both diet and regular. The ratio of diet sodas to regular sodas was 7:8. How many diet sodas were there?

4) Edward was looking at his streaming music stats. The ratio of songs he liked to disliked was 5:4. If he listened to 756 songs total how many did he like?

5) During an local election the ratio of teens to adults who voted was 8:3. If 880 people voted how many were teens?

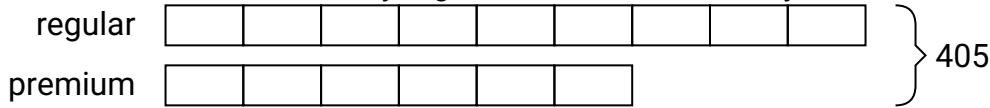


## Ratios With Tape Diagram

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Solve each problem using a tape diagram.

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## Answers

**243**

**492**

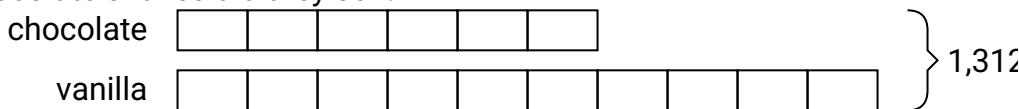
**152**

**238**

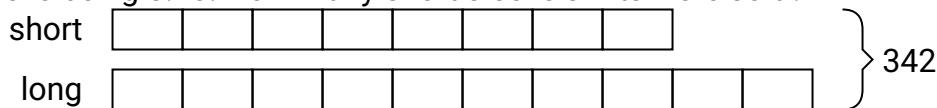
**420**

**640**

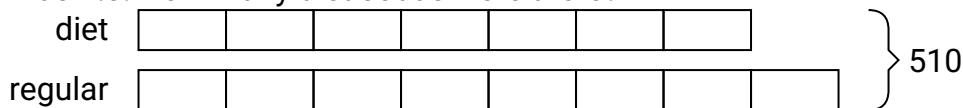
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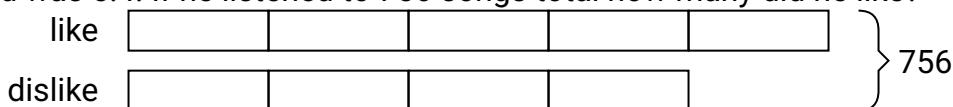
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