



Solve each problem using a tape diagram.

**Answers**

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?

Ex. 243

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?

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

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

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

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

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

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?

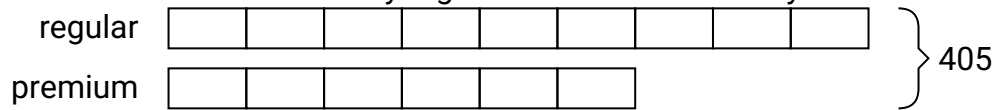
4) Edward was looking at his streaming music stats. The ratio of songs he liked to disliked was 5:4. If he listened to 756 songs total how many did he like?

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



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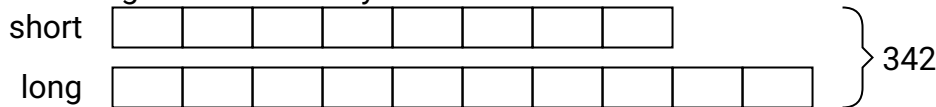
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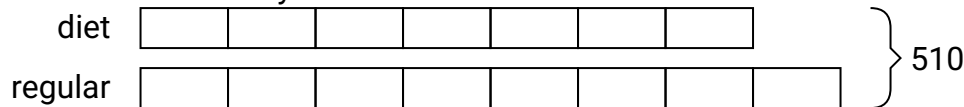
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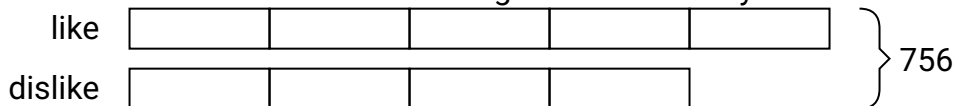
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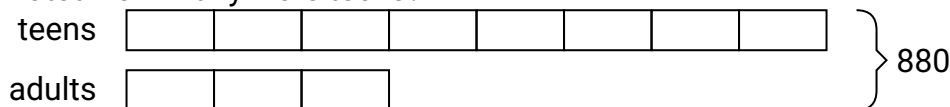
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**Answers**Ex. 2431. 4922. 1523. 2384. 4205. 640