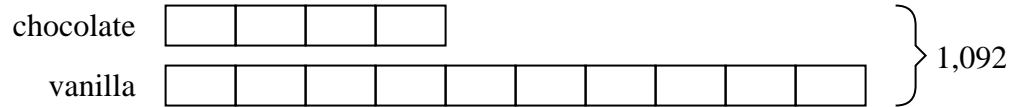


**Solve each problem using a tape diagram.**

- Ex)** Sam's Ice Cream Hut had Chocolate or Vanilla shakes. On the 4th of July they sold 1,092 shakes total with the ratio of chocolate to vanilla being 4:10. How many chocolate shakes did they sell?



- 1) Frank was looking at his streaming music stats. The ratio of songs he liked to disliked was 3:9. If he listened to 888 songs total how many did he like?

- 2) At the fair the ratio of male to females was 2:8. If there are 640 people at the fair how many males are there?

- 3) A cable company had 1,377 subscribers. The ratio of regular subscribers to premium subscribers was 8:9. How many regular subscribers did they have?

- 4) A store had 686 sodas, both diet and regular. The ratio of diet sodas to regular sodas was 8:6. How many diet sodas were there?

- 5) During an local election the ratio of teens to adults who voted was 6:5. If 176 people voted how many were teens?

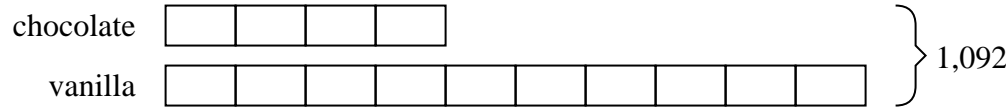
Answers

- Ex. 312
1. _____
2. _____
3. _____
4. _____
5. _____

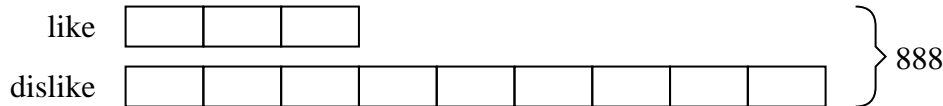


Solve each problem using a tape diagram.

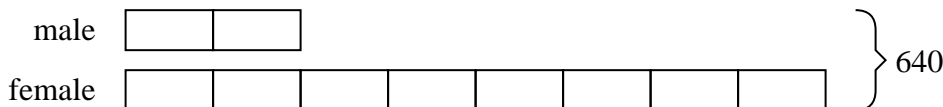
- Ex)** Sam's Ice Cream Hut had Chocolate or Vanilla shakes. On the 4th of July they sold 1,092 shakes total with the ratio of chocolate to vanilla being 4:10. How many chocolate shakes did they sell?



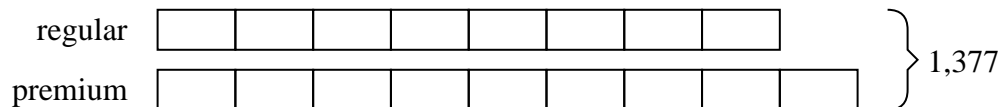
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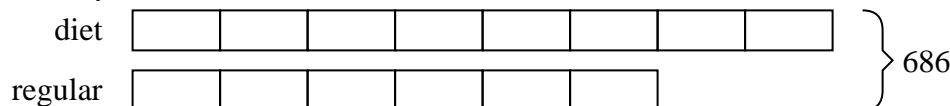
- 2)** At the fair the ratio of male to females was 2:8. If there are 640 people at the fair how many males are there?



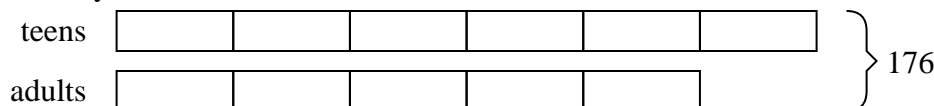
- 3)** A cable company had 1,377 subscribers. The ratio of regular subscribers to premium subscribers was 8:9. How many regular subscribers did they have?



- 4)** A store had 686 sodas, both diet and regular. The ratio of diet sodas to regular sodas was 8:6. How many diet sodas were there?



- 5)** During an local election the ratio of teens to adults who voted was 6:5. If 176 people voted how many were teens?

**Answers**

- Ex. 312
1. 222
2. 128
3. 648
4. 392
5. 96