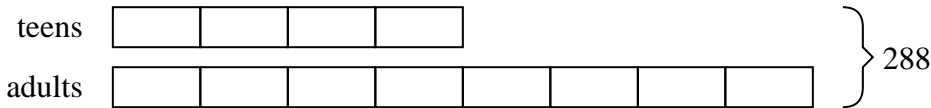




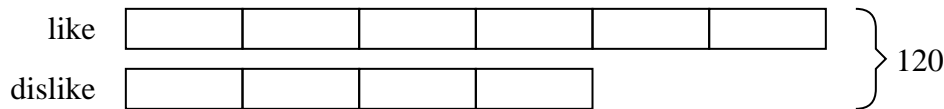


Solve each problem using a tape diagram.

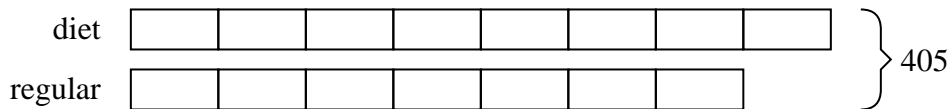
- 1) During an local election the ratio of teens to adults who voted was 4:8. If 288 people voted how many were teens?



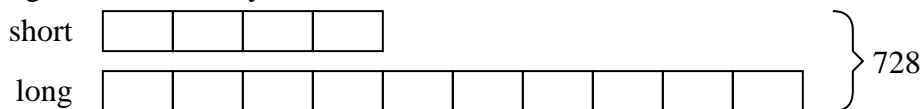
- 2) Henry was looking at his streaming music stats. The ratio of songs he liked to disliked was 6:4. If he listened to 120 songs total how many did he like?



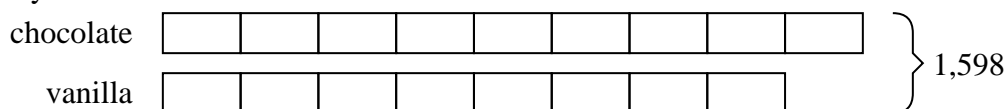
- 3) A store had 405 sodas, both diet and regular. The ratio of diet sodas to regular sodas was 8:7. How many diet sodas were there?



- 4) In August, Nancy's Clothing Store sold 728 shirts with the ratio of short sleeve to long sleeve being 4:10. How many short sleeve shirts were sold?



- 5) Jerry's Ice Cream Hut had Chocolate or Vanilla shakes. On the 4th of July they sold 1,598 shakes total with the ratio of chocolate to vanilla being 9:8. How many chocolate shakes did they sell?

Answers1. 962. 723. 2164. 2085. 846