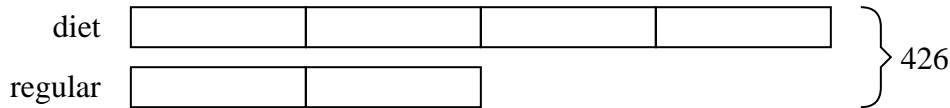




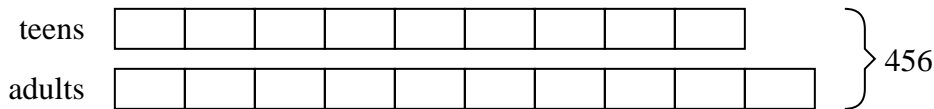


Solve each problem using a tape diagram.

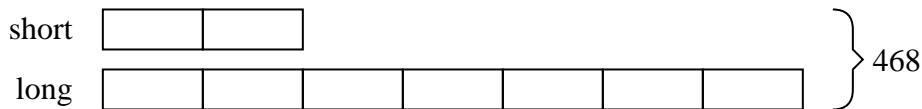
- 1) A store had 426 sodas, both diet and regular. The ratio of diet sodas to regular sodas was 4:2. How many diet sodas were there?



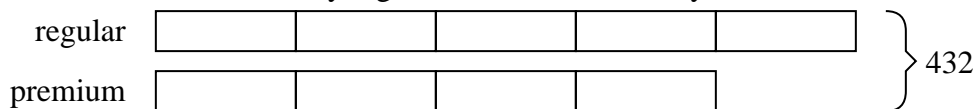
- 2) During an local election the ratio of teens to adults who voted was 9:10. If 456 people voted how many were teens?



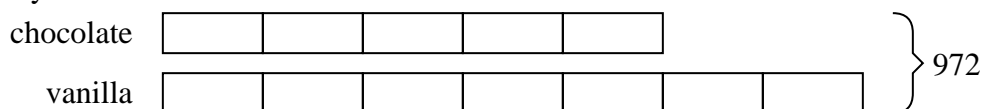
- 3) In August, Haley's Clothing Store sold 468 shirts with the ratio of short sleeve to long sleeve being 2:7. How many short sleeve shirts were sold?



- 4) A cable company had 432 subscribers. The ratio of regular subscribers to premium subscribers was 5:4. How many regular subscribers did they have?



- 5) Jerry's Ice Cream Hut had Chocolate or Vanilla shakes. On the 4th of July they sold 972 shakes total with the ratio of chocolate to vanilla being 5:7. How many chocolate shakes did they sell?

Answers1. 2842. 2163. 1044. 2405. 405