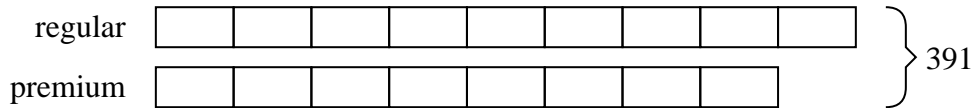






Solve each problem using a tape diagram.

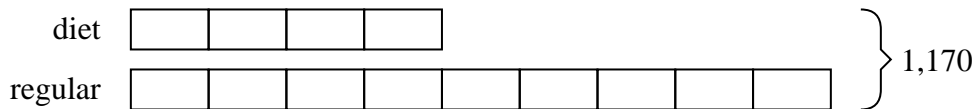
- 1) A cable company had 391 subscribers. The ratio of regular subscribers to premium subscribers was 9:8. How many regular subscribers did they have?



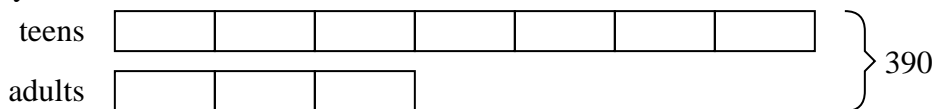
- 2) Henry was looking at his streaming music stats. The ratio of songs he liked to disliked was 7:3. If he listened to 220 songs total how many did he like?



- 3) A store had 1,170 sodas, both diet and regular. The ratio of diet sodas to regular sodas was 4:9. How many diet sodas were there?



- 4) During an local election the ratio of teens to adults who voted was 7:3. If 390 people voted how many were teens?



- 5) Jerry's Ice Cream Hut had Chocolate or Vanilla shakes. On the 4th of July they sold 512 shakes total with the ratio of chocolate to vanilla being 2:6. How many chocolate shakes did they sell?

Answers1. 2072. 1543. 3604. 2735. 128