	Ratios With Tape Diagram	Name:

Solve each problem using a tape diagram.

Ex) Frank's Ice Cream Hut had Chocolate or Vanilla shakes. On the 4th of July they sold 532 shakes total with the ratio of chocolate to vanilla being 2:5. How many chocolate shakes did they sell?

Ex. _____ **152** _____

1. _____

2. _____

1) A cable company had 338 subscribers. The ratio of regular subscribers to premium subscribers was 7:6. How many regular subscribers did they have?

3. _____

4. _____

5. _____

2) During an local election the ratio of teens to adults who voted was 6:2. If 392 people voted how many were teens?

3) In August, Faye's Clothing Store sold 1,071 shirts with the ratio of short sleeve to long sleeve being 10:7. How many short sleeve shirts were sold?

4) A store had 319 sodas, both diet and regular. The ratio of diet sodas to regular sodas was 8:3. How many diet sodas were there?

5) At the fair the ratio of male to females was 3:7. If there are 330 people at the fair how many males are there?
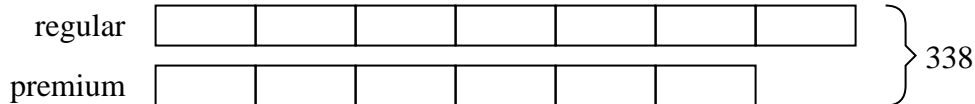
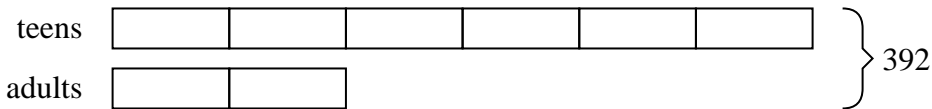**Solve each problem using a tape diagram.**

Ex) Frank's Ice Cream Hut had Chocolate or Vanilla shakes. On the 4th of July they sold 532 shakes total with the ratio of chocolate to vanilla being 2:5. How many chocolate shakes did they sell?
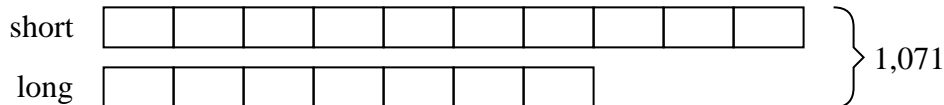
chocolate [|]

vanilla [| | | |] } 532

Ex. ___**152**___

1) A cable company had 338 subscribers. The ratio of regular subscribers to premium subscribers was 7:6. How many regular subscribers did they have?
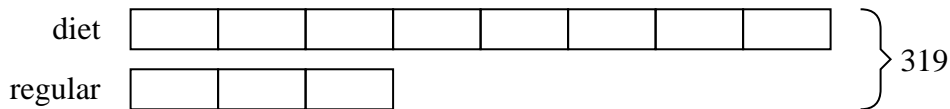
regular [| | | | | | |]

premium [| | | | | |] } 338

1. ___**182**___

2) During an local election the ratio of teens to adults who voted was 6:2. If 392 people voted how many were teens?

teens [| | | | | |] } 392
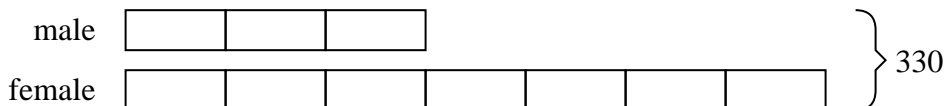
adults [| |]

2. ___**294**___

3) In August, Faye's Clothing Store sold 1,071 shirts with the ratio of short sleeve to long sleeve being 10:7. How many short sleeve shirts were sold?

short [| | | | | | | | | |]

long [| | | | | | |] } 1,071

3. ___**630**___

4) A store had 319 sodas, both diet and regular. The ratio of diet sodas to regular sodas was 8:3. How many diet sodas were there?

diet [| | | | | | | |]

regular [| | |] } 319

4. ___**232**___

5) At the fair the ratio of male to females was 3:7. If there are 330 people at the fair how many males are there?

male [| | |] } 330

female [| | | | | | |]

5. ___**99**___