Name:

Solve each problem using a tape diagram.

Ex) A cable company had 756 subscribers. The ratio of regular subscribers to premium subscribers was 8:4. How many regular subscribers did they have?

Ex. **504**

1. _____

2. _____

1) Adam's Ice Cream Hut had Chocolate or Vanilla shakes. On the 4th of July they sold 1,386 shakes total with the ratio of chocolate to vanilla being 5:9. How many chocolate shakes did they sell?

3. _____

4. _____

5. _____

2) A store had 880 sodas, both diet and regular. The ratio of diet sodas to regular sodas was 9:2. How many diet sodas were there?

3) Billy was looking at his streaming music stats. The ratio of songs he liked to disliked was 4:2. If he listened to 228 songs total how many did he like?
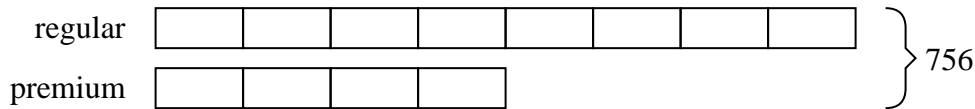
4) During an local election the ratio of teens to adults who voted was 5:8. If 741 people voted how many were teens?

5) At the fair the ratio of male to females was 7:8. If there are 930 people at the fair how many males are there?
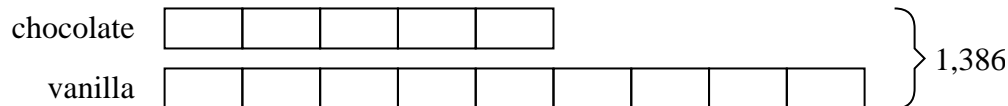
Math

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1

1-5 | 80 | 60 | 40 | 20 | 0
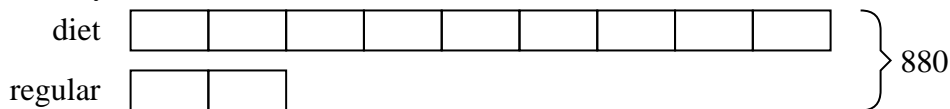
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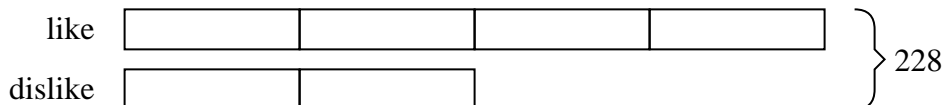
regular

premium

$\Big\}$ 756

1) Adam's Ice Cream Hut had Chocolate or Vanilla shakes. On the 4th of July they sold 1,386 shakes total with the ratio of chocolate to vanilla being 5:9. How many chocolate shakes did they sell?
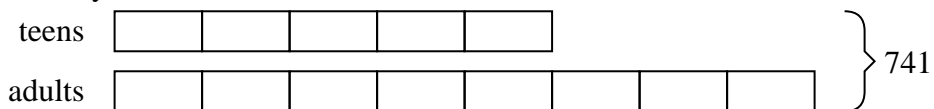
chocolate

vanilla

$\Big\}$ 1,386

2) A store had 880 sodas, both diet and regular. The ratio of diet sodas to regular sodas was 9:2. How many diet sodas were there?
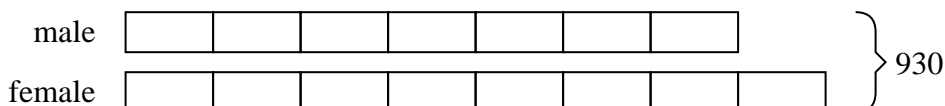
diet

regular

$\Big\}$ 880

3) Billy was looking at his streaming music stats. The ratio of songs he liked to disliked was 4:2. If he listened to 228 songs total how many did he like?

like

dislike

$\Big\}$ 228

4) During an local election the ratio of teens to adults who voted was 5:8. If 741 people voted how many were teens?

teens

adults

$\Big\}$ 741

5) At the fair the ratio of male to females was 7:8. If there are 930 people at the fair how many males are there?

male

female

$\Big\}$ 930

	Answers
Ex.	**504**
1.	**495**
2.	**720**
3.	**152**
4.	**285**
5.	**434**

1-5 | 80 | 60 | 40 | 20 | 0 |