

Solve each problem using a tape diagram.

Answers

1) A store had 210 sodas, both diet and regular. The ratio of diet sodas to regular sodas was 5:2. How many diet sodas were there?

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

2) Henry was looking at his streaming music stats. The ratio of songs he liked to disliked was 2:8. If he listened to 890 songs total how many did he like?

3) During an local election the ratio of teens to adults who voted was 5:10. If 945 people voted how many were teens?

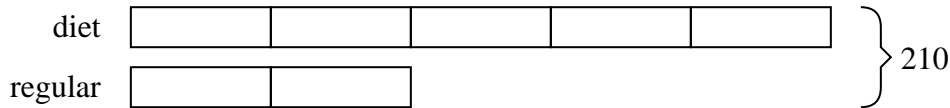
4) In August, Nancy's Clothing Store sold 266 shirts with the ratio of short sleeve to long sleeve being 4:10. How many short sleeve shirts were sold?

5) A cable company had 228 subscribers. The ratio of regular subscribers to premium subscribers was 9:3. How many regular subscribers did they have?

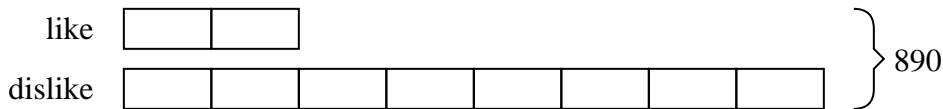


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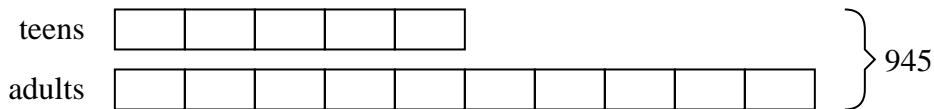
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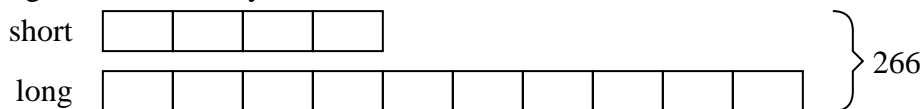
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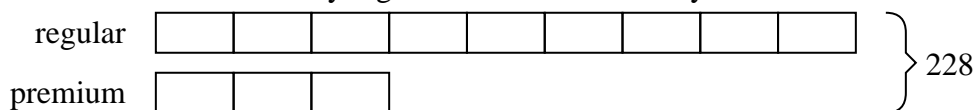
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Answers1. 1502. 1783. 3154. 765. 171