



Solve each problem using a tape diagram.

- 1) A store had 576 sodas, both diet and regular. The ratio of diet sodas to regular sodas was 5:7. How many diet sodas were there?

- 2) A cable company had 624 subscribers. The ratio of regular subscribers to premium subscribers was 10:2. How many regular subscribers did they have?

- 3) In August, Haley's Clothing Store sold 540 shirts with the ratio of short sleeve to long sleeve being 3:9. How many short sleeve shirts were sold?

- 4) During an local election the ratio of teens to adults who voted was 7:2. If 630 people voted how many were teens?

- 5) Jerry was looking at his streaming music stats. The ratio of songs he liked to disliked was 10:5. If he listened to 1,275 songs total how many did he like?

Answers

1. _____

2. _____

3. _____

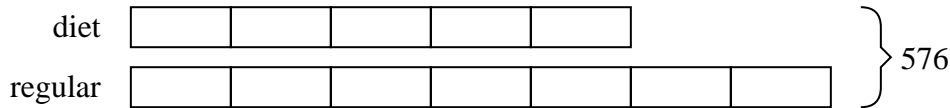
4. _____

5. _____

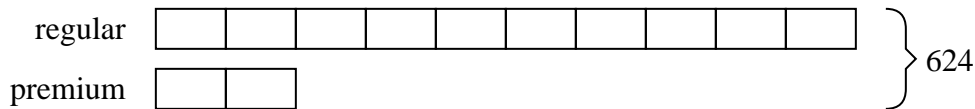


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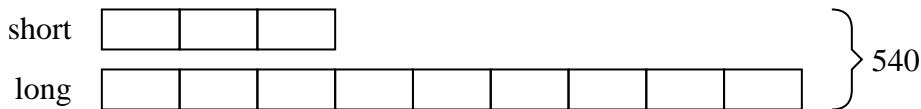
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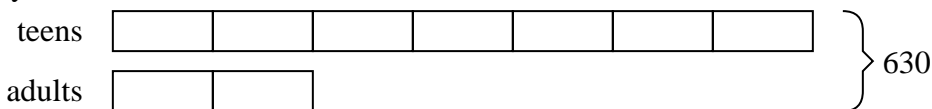
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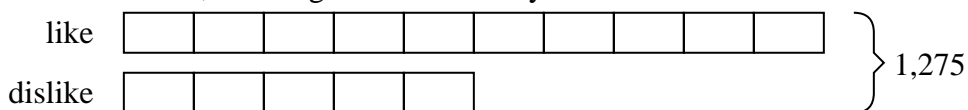
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Answers1. 2402. 5203. 1354. 4905. 850