



Solve each problem using a tape diagram.

Answers

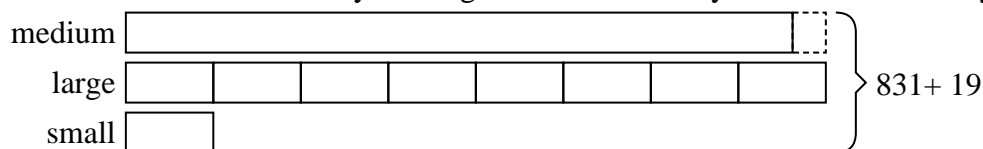
- 1) A theater owner was looking at how many sodas they sold of different sizes in a day. Total they sold 831 sodas. They sold $\frac{1}{8}$ as many small sodas as they did large sodas. And they sold 19 fewer medium sodas as they did large sodas. How many small sodas did they sell?
- 2) Debby, her brother and her sister pooled their money to buy a console and some games. Together they had \$226. Debby gave $\frac{1}{2}$ as much as her sister and her brother gave \$14 fewer than her sister. How much did her sister contribute?
- 3) Maria sent 577 text messages over the summer. In July she sent 9 times as many as she did in August. And in June she sent 12 fewer than in July. How many texts did she send in August?
- 4) The elementary, middle and high schools were competing to see who could earn the most money fund raising. Together they earned \$491. The middle school ended up earning 7 times as much as the high school and the elementary earned \$19 fewer than the high school. How much money did the middle school earn?
- 5) The cafeteria offered three types of milk: regular, chocolate and strawberry. On Friday they gave out 737 cartons. They gave out 7 times as many chocolate as regular and they gave out 13 fewer strawberry than chocolate. How many cartons of chocolate milk did they give out?

1. _____
2. _____
3. _____
4. _____
5. _____

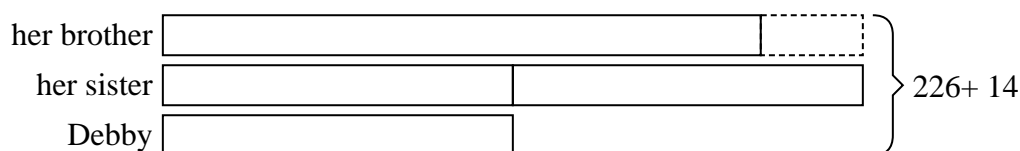


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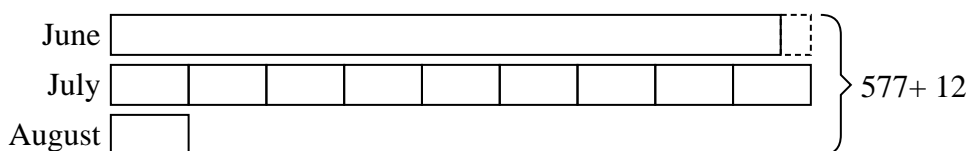
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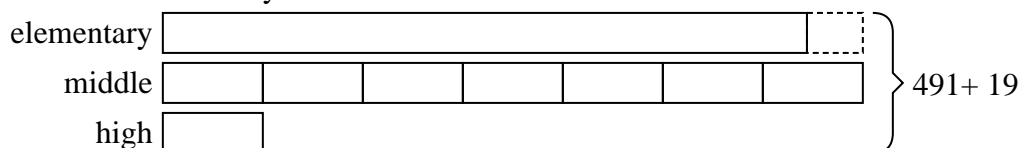
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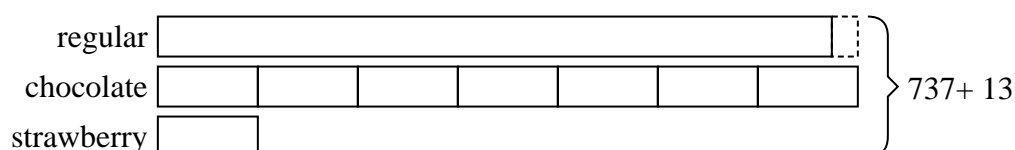
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**Answers**

1. **50**
2. **96**
3. **31**
4. **238**
5. **350**