

**Solve each problem using a tape diagram.**

- 1) A theater owner was looking at how many sodas they sold of different sizes in a day. Total they sold 934 sodas. They sold $\frac{1}{9}$ as many small sodas as they did large sodas. And they sold 16 fewer medium sodas as they did large sodas. How many large sodas did they sell?

- 2) Will earned \$336 mowing lawns over the summer. In July he earned 3 times as much as he did in August. And in June he earned 14 dollars fewer than in July. How much money did he earn in July?

- 3) Robin, her brother and her sister pooled their money to buy a console and some games. Together they had \$427. Robin gave $\frac{1}{6}$ as much as her sister and her brother gave \$15 fewer than her sister. How much did her sister contribute?

- 4) The cafeteria offered three types of milk: regular, chocolate and strawberry. On Friday they gave out 226 cartons. They gave out 5 times as many chocolate as regular and they gave out 16 fewer strawberry than chocolate. How many cartons of chocolate milk did they give out?

- 5) The elementary, middle and high schools were competing to see who could earn the most money fund raising. Together they earned \$377. The middle school ended up earning 8 times as much as the high school and the elementary earned \$14 fewer than the high school. How much money did the high school earn?

Answers

1. _____

2. _____

3. _____

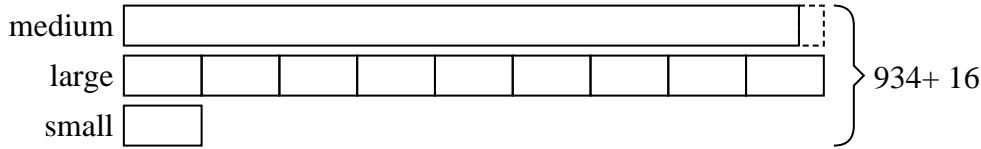
4. _____

5. _____

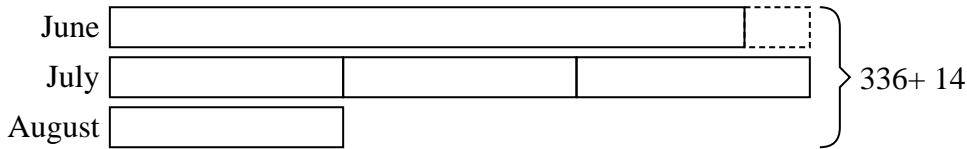


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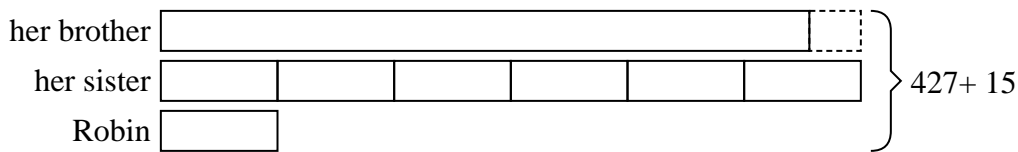
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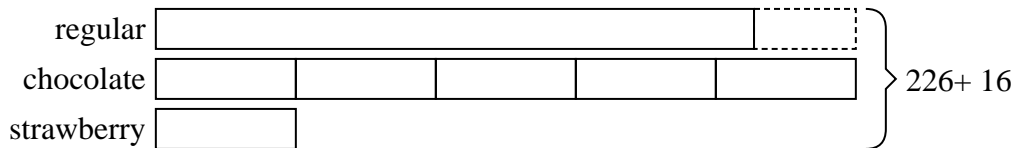
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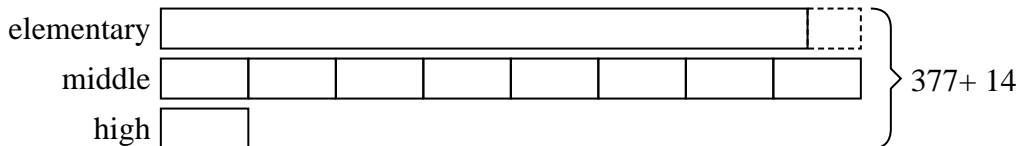
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Answers

1. 450
2. 150
3. 204
4. 110
5. 23