



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 530 sodas. They sold $\frac{1}{5}$ as many small sodas as they did large sodas. And they sold 20 fewer medium sodas as they did large sodas. How many medium sodas did they sell?

- 2) Luke earned \$403 mowing lawns over the summer. In July he earned 6 times as much as he did in August. And in June he earned 13 dollars fewer than in July. How much money did he earn in July?

- 3) The elementary, middle and high schools were competing to see who could earn the most money fund raising. Together they earned \$249. The middle school ended up earning 5 times as much as the high school and the elementary earned \$15 fewer than the high school. How much money did the high school earn?

- 4) The cafeteria offered three types of milk: regular, chocolate and strawberry. On Friday they gave out 466 cartons. They gave out 5 times as many chocolate as regular and they gave out 18 fewer strawberry than chocolate. How many cartons of chocolate milk did they give out?

- 5) Over the holiday weekend a game store sold 360 games. On Saturday they sold 9 times as many games as on Sunday. And on Friday they sold 20 fewer games than on Saturday. How many games did they sell on Sunday?

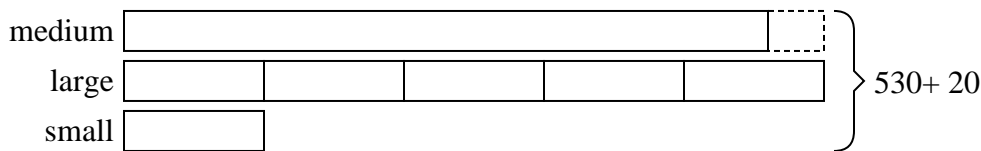
1. _____
2. _____
3. _____
4. _____
5. _____



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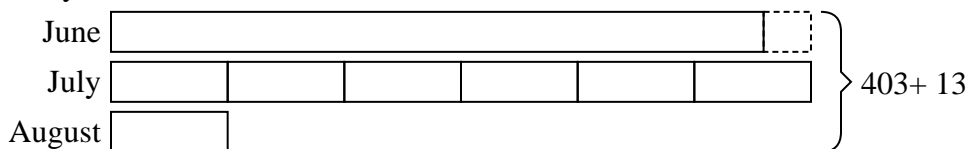
Answers

- 1) A theater owner was looking at how many sodas they sold of different sizes in a day. Total they sold 530 sodas. They sold $\frac{1}{5}$ as many small sodas as they did large sodas. And they sold 20 fewer medium sodas as they did large sodas. How many medium sodas did they sell?



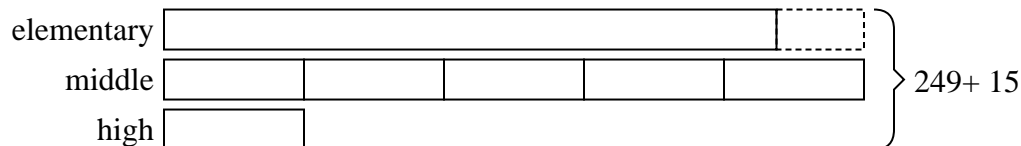
1. 230

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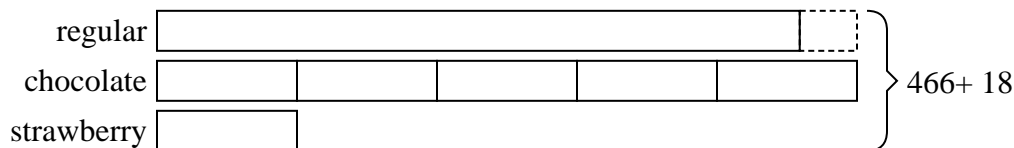
2. 192

- 3) The elementary, middle and high schools were competing to see who could earn the most money fund raising. Together they earned \$249. The middle school ended up earning 5 times as much as the high school and the elementary earned \$15 fewer than the high school. How much money did the high school earn?



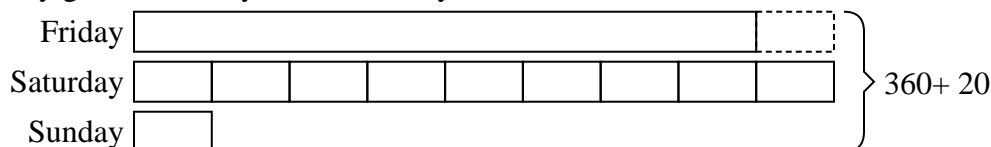
3. 24

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5. 20