

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

- 1) At the fair a vendor counted the number of balloons he gave away to kids, teens and adults. To teens he handed out 3 times as many as he had given to adults. To kids he gave out 3 fewer than he gave to teens. How many balloons did he give to teens, if he gave out 209 balloons all together?

- 2) A theater owner was looking at how many sodas they sold of different sizes in a day. Total they sold 409 sodas. They sold $\frac{1}{7}$ as many small sodas as they did large sodas. And they sold 11 fewer medium sodas as they did large sodas. How many medium sodas did they sell?

- 3) Over the holiday weekend a game store sold 493 games. On Saturday they sold 6 times as many games as on Sunday. And on Friday they sold 14 fewer games than on Saturday. How many games did they sell on Saturday?

- 4) Amanda, Bianca and Cathy bake 188 muffins. Bianca bakes twice as many muffins as Cathy. Amanda bakes 12 fewer muffins than Bianca. How many muffins did Cathy bake?

- 5) Mike earned \$149 mowing lawns over the summer. In July he earned 3 times as much as he did in August. And in June he earned 12 dollars fewer than in July. How much money did he earn in June?

Answers

1. _____

2. _____

3. _____

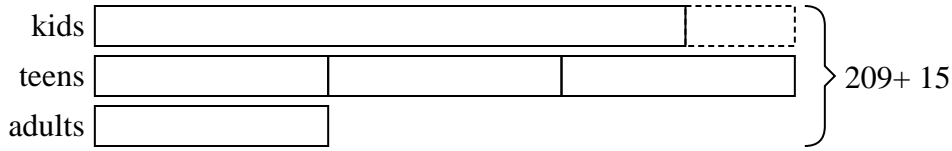
4. _____

5. _____

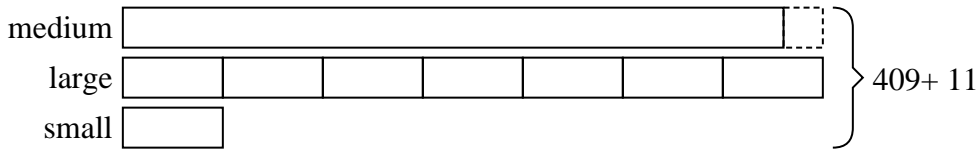


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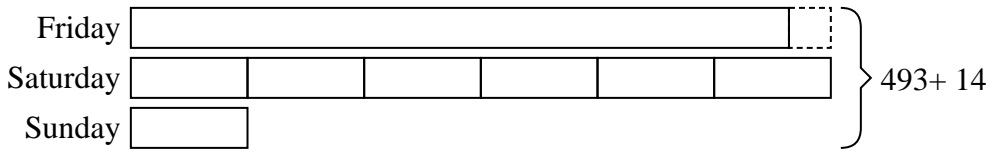
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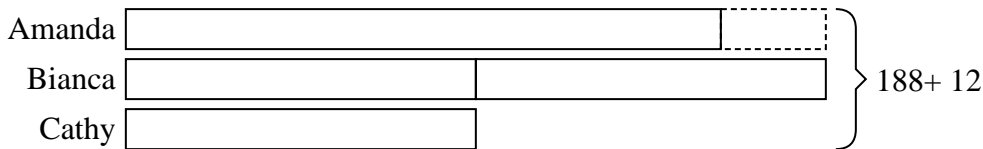
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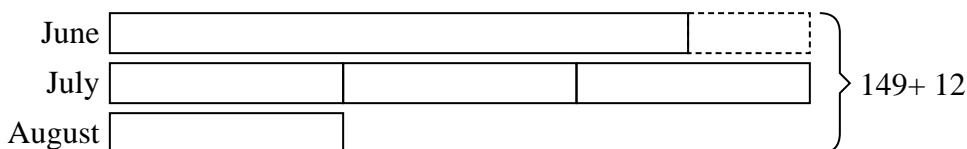
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Answers

1. 96
2. 185
3. 234
4. 40
5. 57