Solve each problem using a tape diagram.

1) Amanda, Bianca and Cathy bake 170 muffins. Bianca bakes twice as many muffins as Cathy. Amanda bakes 10 fewer muffins than Bianca. How many muffins did Amanda bake?

2) Olivia sent 146 text messages over the summer. In July she sent twice as many as she did in August. And in June she sent 19 fewer than in July. How many texts did she send in August?

3) The cafeteria offered three types of milk: regular, chocolate and strawberry. On Friday they gave out 510 cartons. They gave out 6 times as many chocolate as regular and they gave out 10 fewer strawberry than chocolate. How many cartons of regular milk did they give out?

4) Maria, her brother and her sister pooled their money to buy a console and some games. Together they had $650. Maria gave 1/9 as much as her sister and her brother gave $15 fewer than her sister. How much did her brother contribute?

5) Over the holiday weekend a game store sold 880 games. On Saturday they sold 9 times as many games as on Sunday. And on Friday they sold 13 fewer games than on Saturday. How many games did they sell on Friday?

Answers

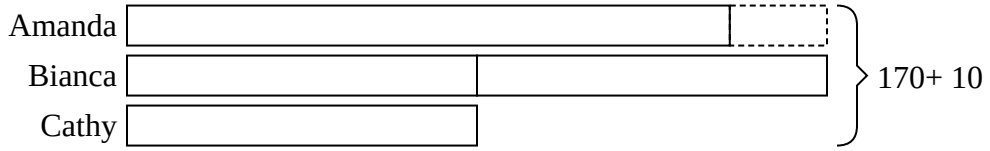
1. _____
2. _____
3. _____
4. _____
5. _____

1-5	80	60	40	20	0

Creating Wholes With Tape Diagram Name: **Answer Key**

Solve each problem using a tape diagram.

1) Amanda, Bianca and Cathy bake 170 muffins. Bianca bakes twice as many muffins as Cathy. Amanda bakes 10 fewer muffins than Bianca. How many muffins did Amanda bake?



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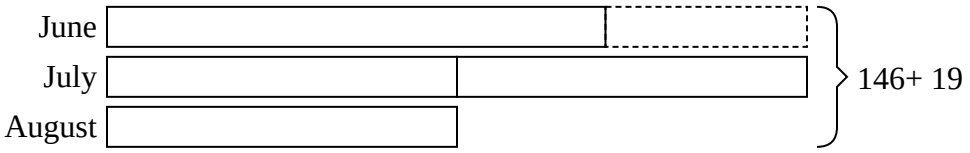

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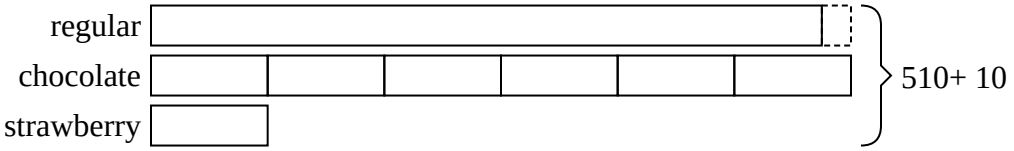

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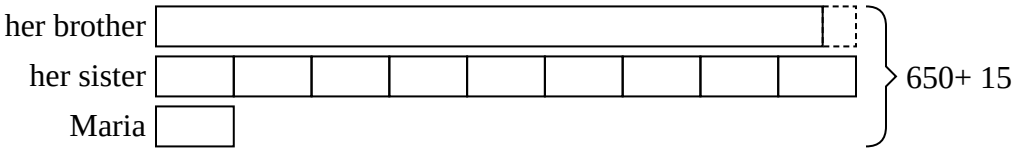

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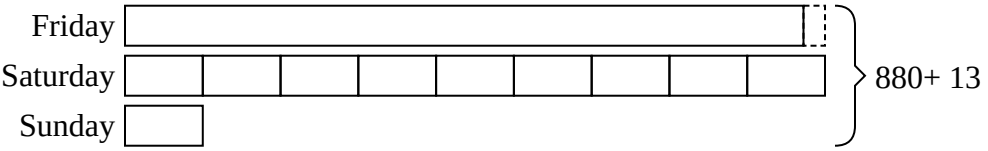

Answers

1. 62
2. 33
3. 230
4. 300
5. 410

1-5	80	60	40	20	0