Solve each problem using a tape diagram.

1) Amanda, Bianca and Cathy bake 130 muffins. Bianca bakes 3 times as many muffins as Cathy. Amanda bakes 17 fewer muffins than Bianca. How many muffins did Bianca bake?

2) The elementary, middle and high schools were competing to see who could earn the most money fund raising. Together they earned $425. 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) A theater owner was looking at how many sodas they sold of different sizes in a day. Total they sold 374 sodas. They sold 1/6 as many small sodas as they did large sodas. And they sold 16 fewer medium sodas as they did large sodas. How many small sodas did they sell?

4) At the fair a vendor counted the number of balloons he gave away to kids, teens and adults. To teens he handed out 9 times as many as he had given to adults. To kids he gave out 9 fewer than he gave to teens. How many balloons did he give to adults, if he gave out 902 balloons all together?

5) Over the holiday weekend a game store sold 533 games. On Saturday they sold 6 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 Sunday?

Answers

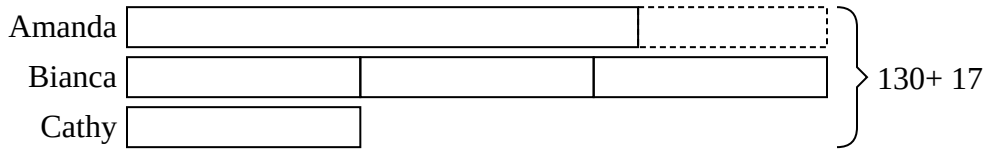
1. _____
2. _____
3. _____
4. _____
5. _____

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 130 muffins. Bianca bakes 3 times as many muffins as Cathy. Amanda bakes 17 fewer muffins than Bianca. How many muffins did Bianca bake?



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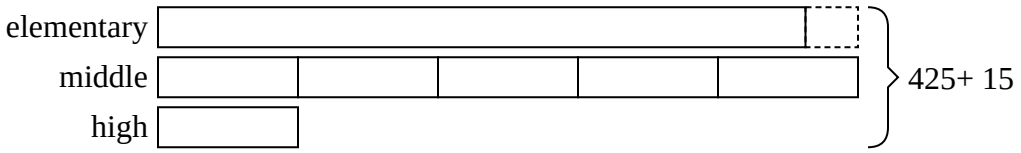

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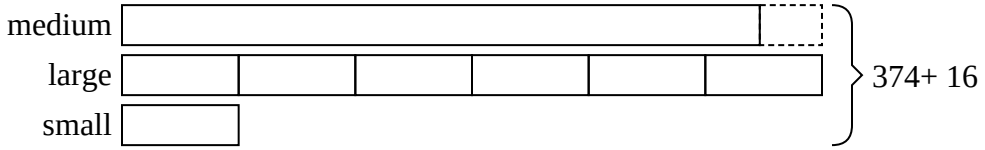

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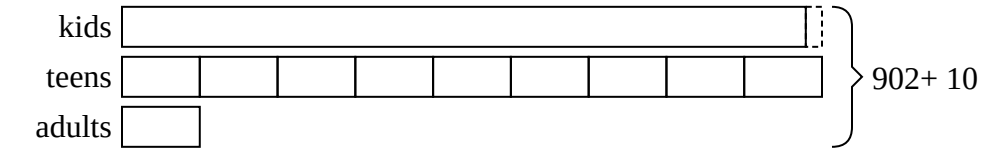

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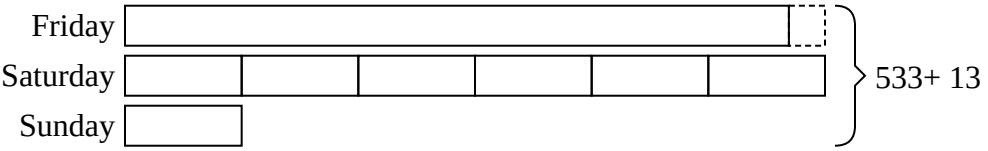

Answers

1. 63
2. 40
3. 30
4. 48
5. 42

1-5	80	60	40	20	0