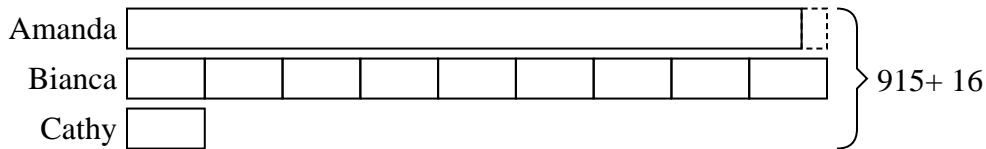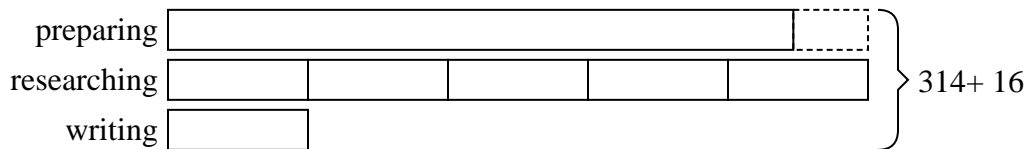# Creating Wholes With Tape Diagram

Name: _____

Solve each problem using a tape diagram.

1) Amanda, Bianca and Cathy bake 915 muffins. Bianca bakes 9 times as many muffins as Cathy. Amanda bakes 16 fewer muffins than Bianca. How many muffins did Amanda bake?

1. _____

2. _____

3. _____

4. _____

2) Janet spent 314 minutes working on her report. She spent 5 times as long researching the topic as she did writing the paper. She also spent 16 minutes less than the time she spent researching just preparing material. How much time did she spend researching?

5. _____

3) Carol, her brother and her sister pooled their money to buy a console and some games. Together they had $381. Carol gave 1/9 as much as her sister and her brother gave $18 fewer than her sister. How much did Carol contribute?

4) Sam earned $421 mowing lawns over the summer. In July he earned 7 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 June?

5) At the fair a vendor counted the number of balloons he gave away to kids, teens and adults. To teens he handed out 7 times as many as he had given to adults. To kids he gave out 7 fewer than he gave to teens. How many balloons did he give to kids, if he gave out 484 balloons all together?

Math

1-5 | 80 | 60 | 40 | 20 | 0

Name:

Solve each problem using a tape diagram.

Answers

1. **425**

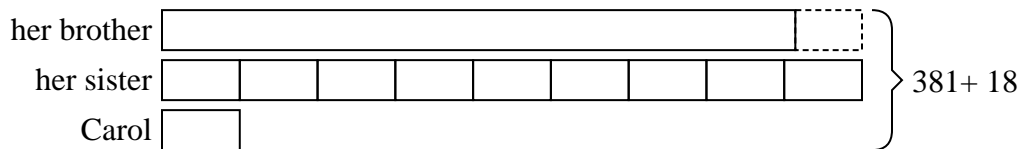2. **150**

3. **21**

4. **189**

5. **220**

1) Amanda, Bianca and Cathy bake 915 muffins. Bianca bakes 9 times as many muffins as Cathy. Amanda bakes 16 fewer muffins than Bianca. How many muffins did Amanda bake?
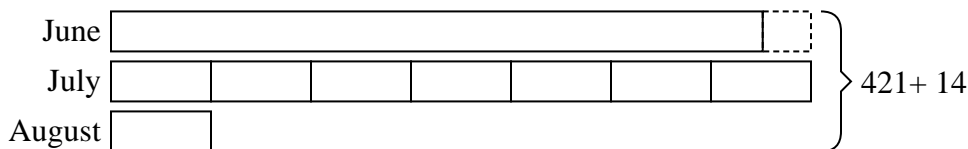
Amanda

Bianca

Cathy

915+ 16

2) Janet spent 314 minutes working on her report. She spent 5 times as long researching the topic as she did writing the paper. She also spent 16 minutes less than the time she spent researching just preparing material. How much time did she spend researching?

preparing

researching

writing

314+ 16

3) Carol, her brother and her sister pooled their money to buy a console and some games. Together they had $381. Carol gave 1/9 as much as her sister and her brother gave $18 fewer than her sister. How much did Carol contribute?

her brother

her sister

Carol

381+ 18

4) Sam earned $421 mowing lawns over the summer. In July he earned 7 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 June?

June

July

August

421+ 14

5) At the fair a vendor counted the number of balloons he gave away to kids, teens and adults. To teens he handed out 7 times as many as he had given to adults. To kids he gave out 7 fewer than he gave to teens. How many balloons did he give to kids, if he gave out 484 balloons all together?

kids

teens

adults

484+ 11

Math

1-5 | 80 | 60 | 40 | 20 | 0