Solve each problem using a tape diagram.

1) Amanda, Bianca and Cathy bake 320 muffins. Bianca bakes 3 times as many muffins as Cathy. Amanda bakes 16 fewer muffins than Bianca. How many muffins did Cathy bake?

1. _____

2. _____

3. _____

4. _____

2) Amy, her brother and her sister pooled their money to buy a console and some games. Together they had $483. Amy gave 1/8 as much as her sister and her brother gave $10 fewer than her sister. How much did her brother contribute?

5. _____

3) The cafeteria offered three types of milk: regular, chocolate and strawberry. On Friday they gave out 746 cartons. They gave out 8 times as many chocolate as regular and they gave out 19 fewer strawberry than chocolate. How many cartons of regular milk did they give out?

4) Victor earned $613 mowing lawns over the summer. In July he earned 8 times as much as he did in August. And in June he earned 16 dollars fewer than in July. How much money did he earn in August?
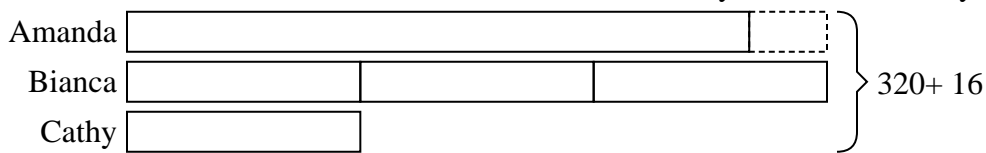
5) Over the holiday weekend a game store sold 434 games. On Saturday they sold 4 times as many games as on Sunday. And on Friday they sold 16 fewer games than on Saturday. How many games did they sell on Friday?

Creating Wholes With Tape Diagram
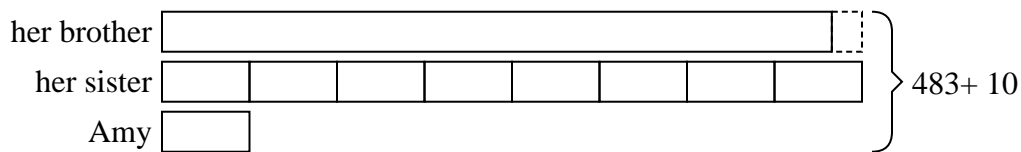
Name:

Solve each problem using a tape diagram.

1) Amanda, Bianca and Cathy bake 320 muffins. Bianca bakes 3 times as many muffins as Cathy. Amanda bakes 16 fewer muffins than Bianca. How many muffins did Cathy bake?

Amanda

Bianca $\Big\} $ 320+ 16

Cathy

1. ____**48**____

2. ____**222**____

3. ____**341**____

4. ____**37**____

5. ____**184**____

2) Amy, her brother and her sister pooled their money to buy a console and some games. Together they had $483. Amy gave 1/8 as much as her sister and her brother gave $10 fewer than her sister. How much did her brother contribute?
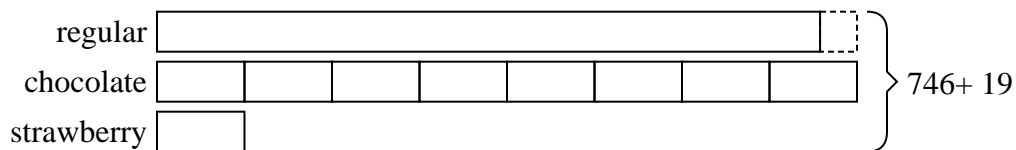
her brother

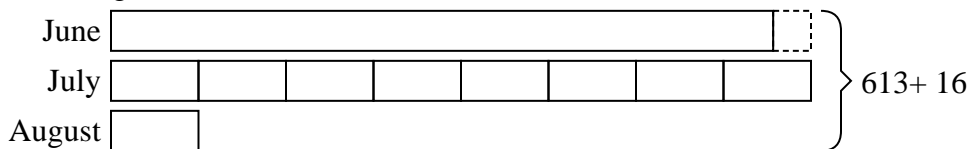her sister $\Big\}$ 483+ 10

Amy

3) The cafeteria offered three types of milk: regular, chocolate and strawberry. On Friday they gave out 746 cartons. They gave out 8 times as many chocolate as regular and they gave out 19 fewer strawberry than chocolate. How many cartons of regular milk did they give out?

regular

chocolate $\Big\}$ 746+ 19

strawberry

4) Victor earned $613 mowing lawns over the summer. In July he earned 8 times as much as he did in August. And in June he earned 16 dollars fewer than in July. How much money did he earn in August?

June

July $\Big\}$ 613+ 16

August

5) Over the holiday weekend a game store sold 434 games. On Saturday they sold 4 times as many games as on Sunday. And on Friday they sold 16 fewer games than on Saturday. How many games did they sell on Friday?

Friday

Saturday $\Big\}$ 434+ 16

Sunday

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