



Solve each problem using a tape diagram.

**Answers**

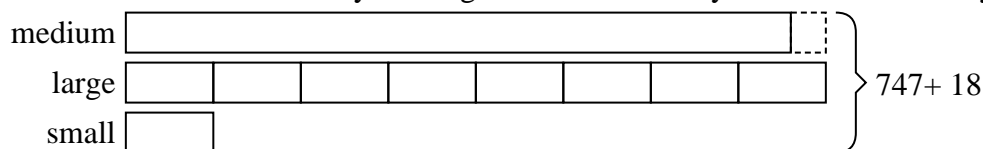
- 1) A theater owner was looking at how many sodas they sold of different sizes in a day. Total they sold 747 sodas. They sold  $\frac{1}{8}$  as many small sodas as they did large sodas. And they sold 18 fewer medium sodas as they did large sodas. How many small sodas did they sell?
- 2) The cafeteria offered three types of milk: regular, chocolate and strawberry. On Friday they gave out 279 cartons. They gave out 3 times as many chocolate as regular and they gave out 15 fewer strawberry than chocolate. How many cartons of strawberry milk did they give out?
- 3) Rachel, her brother and her sister pooled their money to buy a console and some games. Together they had \$836. Rachel gave  $\frac{1}{9}$  as much as her sister and her brother gave \$19 fewer than her sister. How much did Rachel contribute?
- 4) Roger earned \$317 mowing lawns over the summer. In July he earned 3 times as much as he did in August. And in June he earned 19 dollars fewer than in July. How much money did he earn in August?
- 5) Amanda, Bianca and Cathy bake 542 muffins. Bianca bakes 8 times as many muffins as Cathy. Amanda bakes 19 fewer muffins than Bianca. How many muffins did Amanda bake?

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_

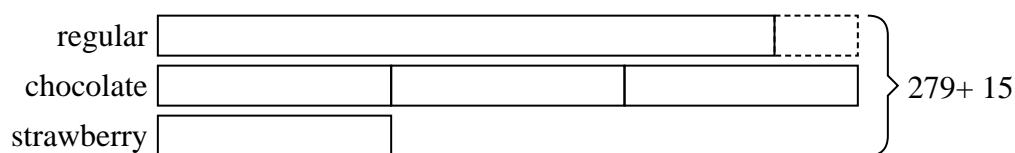


Solve each problem using a tape diagram.

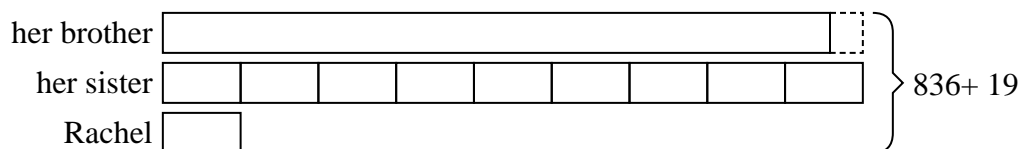
- 1) A theater owner was looking at how many sodas they sold of different sizes in a day. Total they sold 747 sodas. They sold  $\frac{1}{8}$  as many small sodas as they did large sodas. And they sold 18 fewer medium sodas as they did large sodas. How many small sodas did they sell?



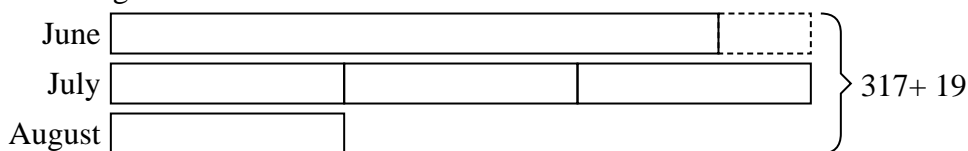
- 2) The cafeteria offered three types of milk: regular, chocolate and strawberry. On Friday they gave out 279 cartons. They gave out 3 times as many chocolate as regular and they gave out 15 fewer strawberry than chocolate. How many cartons of strawberry milk did they give out?



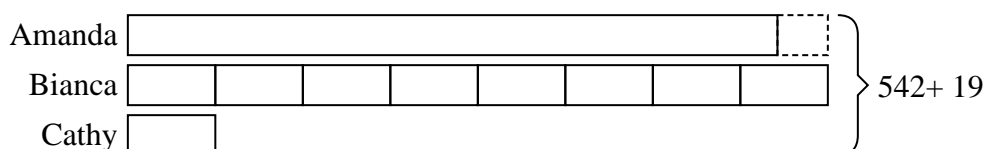
- 3) Rachel, her brother and her sister pooled their money to buy a console and some games. Together they had \$836. Rachel gave  $\frac{1}{9}$  as much as her sister and her brother gave \$19 fewer than her sister. How much did Rachel contribute?



- 4) Roger earned \$317 mowing lawns over the summer. In July he earned 3 times as much as he did in August. And in June he earned 19 dollars fewer than in July. How much money did he earn in August?



- 5) Amanda, Bianca and Cathy bake 542 muffins. Bianca bakes 8 times as many muffins as Cathy. Amanda bakes 19 fewer muffins than Bianca. How many muffins did Amanda bake?

Answers

1. **45**
2. **42**
3. **45**
4. **48**
5. **245**