



Solve each problem using a tape diagram.

**Answers**

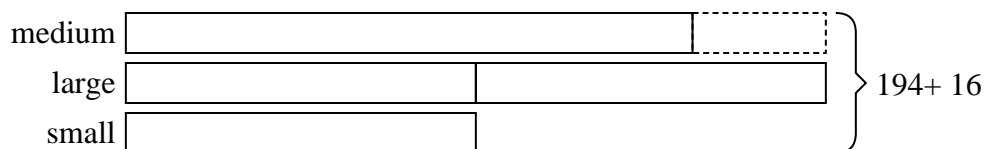
- 1) A theater owner was looking at how many sodas they sold of different sizes in a day. Total they sold 194 sodas. They sold  $\frac{1}{2}$  as many small sodas as they did large sodas. And they sold 16 fewer medium sodas as they did large sodas. How many medium sodas did they sell?
- 2) Dave earned \$259 mowing lawns over the summer. In July he earned 6 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 July?
- 3) Nancy, her brother and her sister pooled their money to buy a console and some games. Together they had \$263. Nancy gave  $\frac{1}{3}$  as much as her sister and her brother gave \$10 fewer than her sister. How much did her brother contribute?
- 4) Over the holiday weekend a game store sold 138 games. On Saturday they sold twice as many games as on Sunday. And on Friday they sold 17 fewer games than on Saturday. How many games did they sell on Friday?
- 5) Bianca sent 484 text messages over the summer. In July she sent 9 times as many as she did in August. And in June she sent 10 fewer than in July. How many texts did she send in August?

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

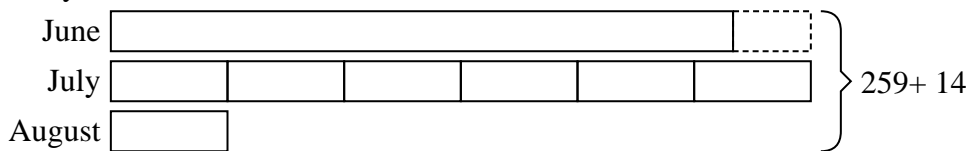


Solve each problem using a tape diagram.

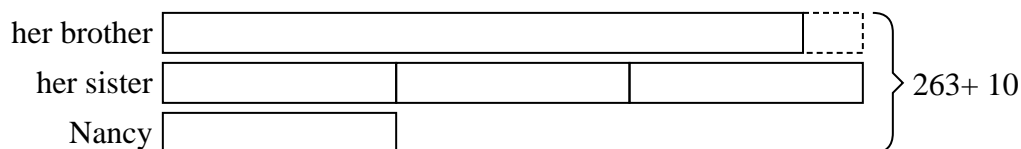
- 1) A theater owner was looking at how many sodas they sold of different sizes in a day. Total they sold 194 sodas. They sold  $\frac{1}{2}$  as many small sodas as they did large sodas. And they sold 16 fewer medium sodas as they did large sodas. How many medium sodas did they sell?



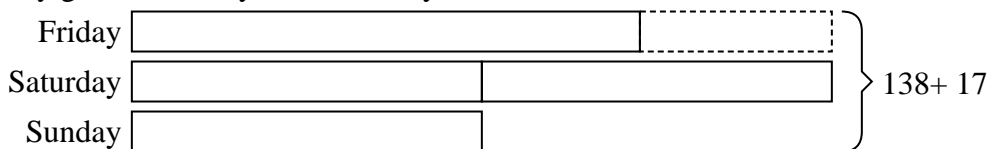
- 2) Dave earned \$259 mowing lawns over the summer. In July he earned 6 times as much as he did in August. And in June he earned 14 dollars fewer than in July. How much money did he earn in July?



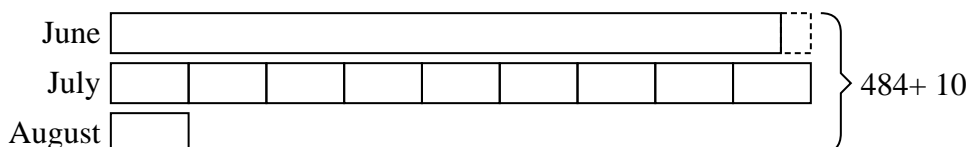
- 3) Nancy, her brother and her sister pooled their money to buy a console and some games. Together they had \$263. Nancy gave  $\frac{1}{3}$  as much as her sister and her brother gave \$10 fewer than her sister. How much did her brother contribute?



- 4) Over the holiday weekend a game store sold 138 games. On Saturday they sold twice as many games as on Sunday. And on Friday they sold 17 fewer games than on Saturday. How many games did they sell on Friday?



- 5) Bianca sent 484 text messages over the summer. In July she sent 9 times as many as she did in August. And in June she sent 10 fewer than in July. How many texts did she send in August?

**Answers**

1. **68**
2. **126**
3. **107**
4. **45**
5. **26**