



Solve each problem using a tape diagram.

Answers

- 1) Gwen, her brother and her sister pooled their money to buy a console and some games. Together they had \$151. Gwen gave  $\frac{1}{2}$  as much as her sister and her brother gave \$14 fewer than her sister. How much did her brother contribute?
  
- 2) A theater owner was looking at how many sodas they sold of different sizes in a day. Total they sold 526 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?
  
- 3) Adam earned \$633 mowing lawns over the summer. In July he earned 7 times as much as he did in August. And in June he earned 12 dollars fewer than in July. How much money did he earn in July?
  
- 4) Debby sent 704 text messages over the summer. In July she sent 9 times as many as she did in August. And in June she sent 18 fewer than in July. How many texts did she send in July?
  
- 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 adults, if he gave out 418 balloons all together?

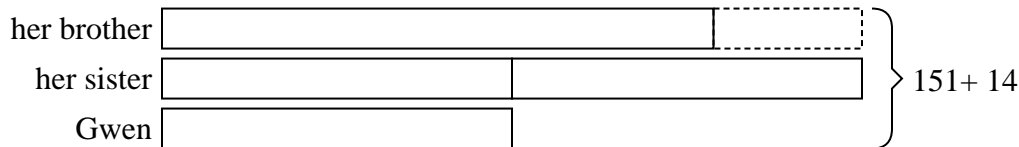
1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_



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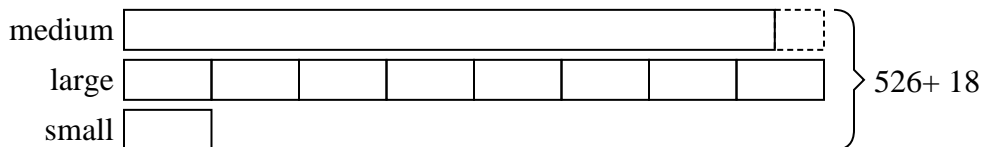
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1. 52

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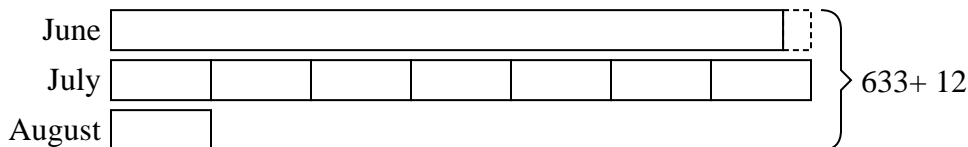
2. 32

3. 301

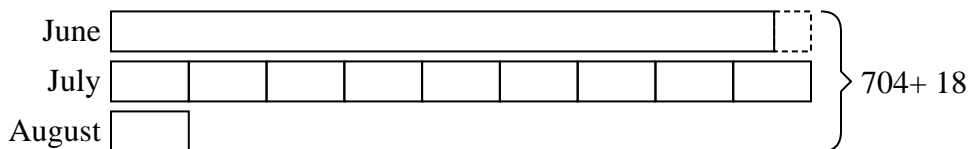
4. 342

5. 29

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