

### Mixed Problems

- There will be 96 people at a party. Each table seats 8 people. Which procedure can be used to find the number of tables needed?  
(a) Add 8 to 96. (b) Subtract 8 from 96. (c) Multiply 8 and 96. (d) Divide 96 by 8.
- Write a story problem for  $154 \div 7$ . Write a different story problem for  $154 \times 7$ .
- Write a story problem for  $226 \div 6$ . Solve your problem. Explain what to do about the remainder.
- Shauntay had some money. After spending \$15, she had \$37 left. How much money did Shauntay have at first?
- Quint had some money. After getting another \$15, Quint had \$37. How much money did Quint have at first?
- The Smiths want to buy a TV that costs \$750. They plan to make a down payment of \$275 and pay the rest in five equal payments. What will be the amount of each payment? Show your work.

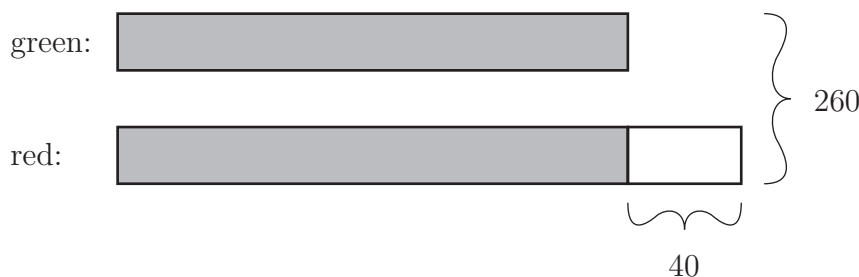


- There are 150 children at a football game. There are 30 more boys than girls. How many girls are there? Show your work.

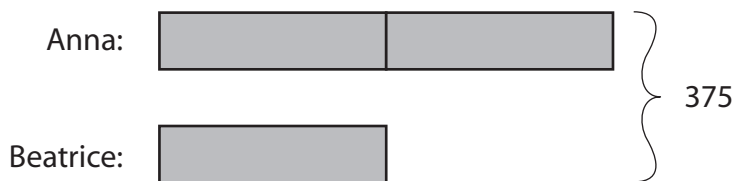
boys: 

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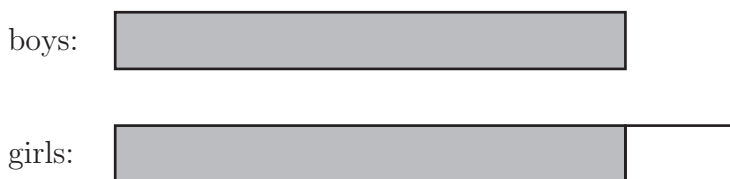
- There are 260 red and green candies in a jar. There are 40 more red candies than green candies. How many green candies are there? Show your work.



9. Anna has 2 times as many cards as Beatrice. Together, Anna and Beatrice have 375 cards. How many cards does Beatrice have? How many cards does Anna have? Show your work.



10. Jose buys two shirts. One shirt costs \$27. The other shirt costs \$8 more. How much did the two shirts cost? Explain your reasoning. (You may draw a picture.)
11. There are 180 children at a school party. There are 30 more girls than boys. How many boys are there? Show your work.



12. If there are 8 home rooms in 6th grade and if there are about 25 students in each class, then how many cans should each 6th grader bring in order for the 6th grade Can-A-Thon to collect at least 1000 cans?