



# October's Problems

## October 2013

### K-2

Robert is doing the beanbag toss. On his turn he throws 3 beanbags at the target. The three openings of the target have values of 2, 4, and 6. When he totals up his score, which of the following numbers below are scores that he could **not** get in one turn? How do you know this?



6    7    10    11    14    17    20

- *problem solving tip: act it out or use objects  
make an organized list*



### 3-5

Jennifer is on vacation with her family. They left the pool on a certain floor of their hotel and got on the elevator. The elevator went up 8 floors, then down 6 floors, and finally up 3 floors to the 7<sup>th</sup> floor where their room is located. On what floor of the hotel is the pool?

*problem solving tips: draw a picture or diagram  
act it out or use objects*

### 6-8

Arthur has 10 coins in his pocket that have a total value of 59¢. His coins may contain any combination of pennies, nickels, dimes, quarters or half-dollars. How many different possible combinations of coins could be in Arthur's pocket? What are they?



*problem solving tips: use logical reasoning  
make an organized list*



**Don't forget to use the checklist on the other side to make sure that your solution is complete.**