First Name: _____ **Last Name:** _____

Problem 1.

What is the value of this expression: 2 x 0 x 0 x 6 + 2006? (x means multiplication.)

A) 0   B) 2006   C) 2014   D) 2018   E) 4012
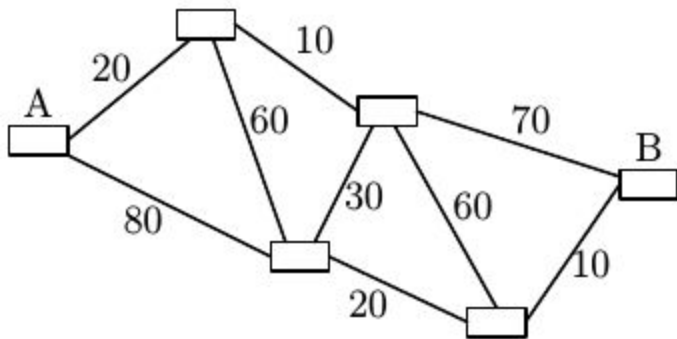
Problem 2.

In his wallet, Stanly has one 5-dollar bill, one 2-dollar bill, and one 1-dollar bill. Which dollar amount can Stan not make out of the bills that he has?

A) $3   B) $4   C) $6   D) $7   E) $8
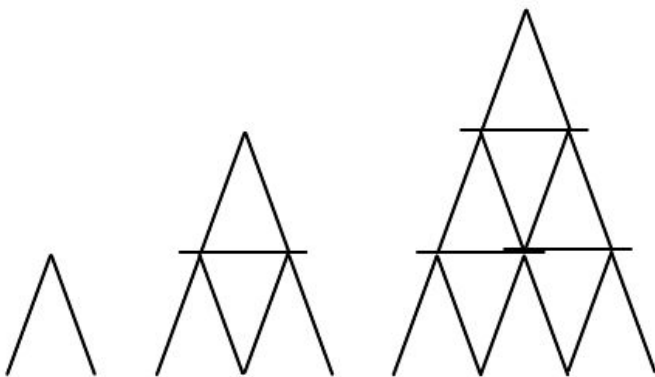
Problem 3.

The picture below shows bus routes and ticket prices between 6 towns. What is the least amount of money to pay for the tickets to get from town A to town B?

A) 90   B) 100   C) 110   D) 180   E) 200
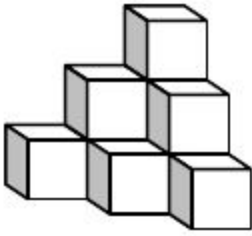
Problem 4.

Johnny builds a house made out of cards. In the picture, one-floor, two-floor, and three-floor such houses are shown. How many cards does Johnny need to build 4-floor house?

A) 23   B) 24   C) 25   D) 26   E) 27

Problem 5.

The structure shown in the picture is made by gluing together sides of 10 cubes. Roman painted the entire structure, including the bottom. How many faces of the cubes did he paint?

A) 18   B) 24   C) 30   D) 36   E) 42

Problem 6.

Irene, Ann, Kate, Olga and Elena live in the same two-floor house. Two of the girls live on the first floor; three of them live on the second floor. Olga lives on a different floor than Kate and Elena. Ann lives on a different floor than Irene and Kate. Who lives on the first floor?

A) Kate and Elena   B) Irene and Elena   C) Irene and Olga   D) Irene and Kate   E) Ann and Olga