Math Kangaroo 2010 Sample Questions - Levels 3 & 4
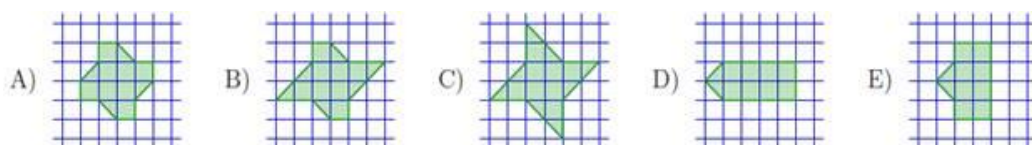
1. Which of the numbers below is the greatest?

A) 20 + 11   B) 20 - 11   C) 20 + 1 + 1   D) 20 − 1 − 1   E) 2 + 0 + 1 + 1

2. Michael is painting the word KANGAROO on a poster. Each day he paints one letter. He painted the first letter on a Wednesday. What day of the week will it be when he paints the last letter?
A)Monday   B)Tuesday   C)Wednesday   D)Thursday   E)Friday

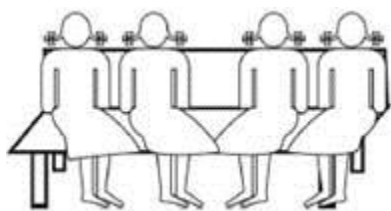**9.** Which of the figures below has the greatest area?

10.A farmer who raises chickens has boxes which hold 6 eggs each and boxes which hold 12 eggs each. What is the least number of boxes he needs to store 66 eggs

A) 5   B) 6   C) 9   D) 11   E) 13

17. In a certain quiz show there are the following rules: every participant has 10 points at the beginning and has to answer 10 questions. For each correct answer, the participant earns 1 point, and for each incorrect answer, the participant loses 1 point. Mrs. Smith had 14 points at the end of this quiz show. How many correct answers did she give?

A) 7   B) 8   C) 9   D) 6   E) 4

18. Four friends, Masha, Sasha, Dasha and Pasha, were sitting on a bench. First Masha changed places with Dasha. Then Dasha changed places with Pasha. At the end the girls sat on the bench in the following order from left to right: Masha, Sasha, Dasha, Pasha. In what order from left to right were they sitting in the beginning?

A) Masha, Sasha, Dasha, Pasha   B) Masha, Sasha, Dasha, Pasha
C) Dasha, Sasha, Pasha, Masha   D) Sasha, Masha, Dasha, Pasha
E) Pasha, Masha, Sasha, Dasha