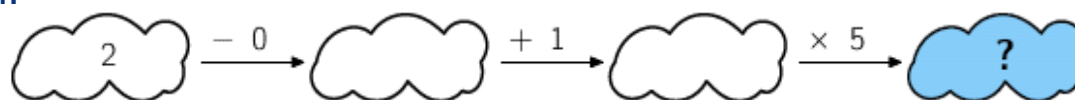# Math Kangaroo 2015 Sample Questions - Levels 3 & 4

1.

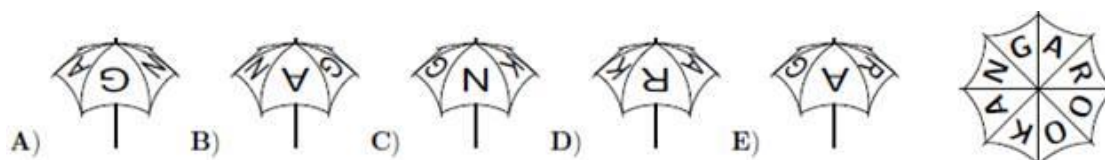A) 6   B) 7   C) 8   D) 10   E) 15

3. Which number is hidden behind the square in the equation to the right?

▲ + 4 = 7

■ + ▲ = 9

A) 2   B) 3   C) 4   D) 5   E) 6

9. My umbrella has KANGAROO written on top. It is shown in the picture on the right. Which of the pictures below also shows my umbrella?
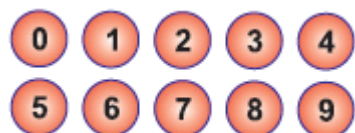

11. Luis had 7 apples and 2 bananas. He gave 2 apples to Yuri, who in return gave some bananas to Luis. Now Luis has as many apples as bananas. How many bananas did Yuri give to Luis?

A) 2   B) 3   C) 4   D) 5   E) 7

19. We can fill a certain barrel with water if we use water from 6 small pitchers, 3 medium pitchers and one large pitcher, or from 2 small pitchers, 1 medium pitcher and 3 large pitchers. If we use only large pitchers of water, how many of them do we need to fill the barrel?

A) 4   B) 5   C) 6   D) 7   E) 8

21. Peter has ten balls, numbered from 0 to 9. He gave four of the balls to George and three to Ann. Then each of the three friends multiplied the numbers on their balls. As the result, Peter got 0, George got 72, and Ann got 90. What is the sum of the numbers on the balls that Peter kept for himself?

A) 11   B) 12   C) 13   D) 14   E) 15