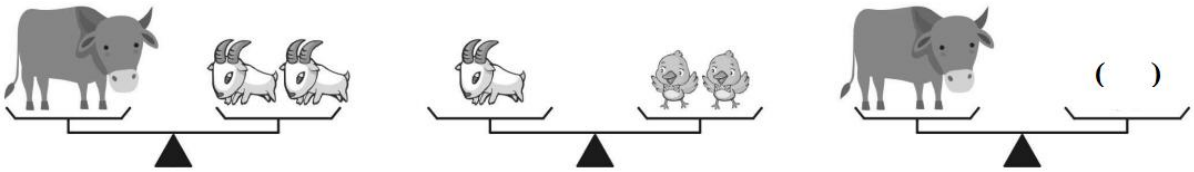
GRADE 5 – WEEK 9 – MONTHLY TEST 2

Duration: 40 minutes

P1. How many chicken should be put inside the ( ) to make the scale balanced?



Your Answer: _____

P2. Find the sum of the digits of the resulting number from the sum:

22 + 203 + 2004 + 20005 + 19998 + 1997 + 196 + 15

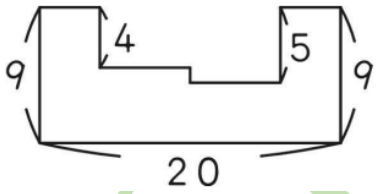
Your Answer: _____

P3. Follow the pattern to fill in the two numbers at the end:

4, 8, 9, 18, 19, 38, 39, ( ), ( )

Your Answer: _____

P4. What is the perimeter for the polygon shown below?



Your Answer: _____

P5. Eight positive numbers from small to large are placed on a straight line. Starting with the third number, each number is the sum of the two numbers before it. If the 5^{th} number is 21, what is the 8^{th} number?

Your Answer: _____

P6. If hamburger sells for $55 each and coke sells for $30 each, what is the cost for 12 hamburgers and 4 cokes ?

P7. The following figure is a magic square which the sums of 3 numbers from any one row or from any one column or from any diagonal are the same. Then M = ?

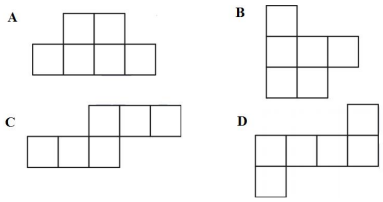
(Hình dưới đây được gọi là hình vuông ma thuật, trong đó tổng 3 số ở mỗi hàng, mỗi cột hoặc đường chéo đều bằng nhau. Tính giá trị của M)

10		M
14	7	12

Your Answer: _____

P8. Which one of the following represents the unfolding of the cube?

(Hình nào dưới đây là hình mở ra của một hình lập phương?)

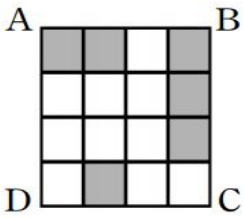


Your Answer: _____

P9. There are three natural numbers. The first number is less than twice the second number and the second number is less than 3 times the third number. If the third number is less than 50, what is the largest possible value for the first number?

Your Answer: _____

P10. At least how many of those small white squares must be painted so that the following diagram is symmetric along *BD*?



Your Answer: _____

P11. Use match sticks to arrange the following figures. For example, Figure 4 has 16 small equilateral triangles. How many match sticks are required to arrange for 36 small equilateral triangles?

Your Answer: _____

P12. The following figure shows an addition in which each type of English letter represents distinct digit. If it is known that $W = 7$ and I is an even number, what does M represent?

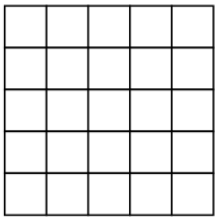
$$\begin{array}{r} W\ M\ I \\ +\ W\ M\ I \\ \hline F\ I\ N\ D \end{array}$$

Your Answer: _____

P13. Suppose $\diamondsuit$, $\square$, and $\triangle$ represent 3 different positive integers and satisfy the equations $\diamondsuit + 2 = \square - 2 = \triangle \times 2$. What is the smallest value for $\diamondsuit + \square + \triangle$?

Your Answer: _____

P14. The large square in the following figure is composed of 25 equal sized small squares of length 1. How many rectangles (including squares) of area 4 can be found in this square?



Your Answer: _____

P15. A stack has 18 cards with the number 7 written on 6 cards, 11 written on another 6 cards, and 19 written on the rest of 6 cards. If 5 cards are randomly choose from this stack, which one of the following numbers CANNOT be the sum of the numbers shown on these 5 cards?

(A) 51 (B) 63 (C) 57 (D) 67

Your Answer: _____