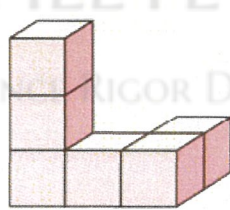


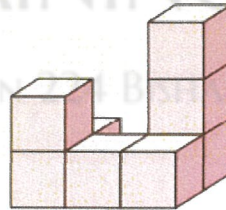
Mathlete Training Centre
WMI 2022 GRADE 1B

1. $15 + 7 + 8 + 3 + 2 = ?$

- (A) 25 (B) 31 (C) 32 (D) 35



0	0	1
3	1	1



(A)

0	0	3
2	1	1

(B)

1	0	3
2	1	1

(C)

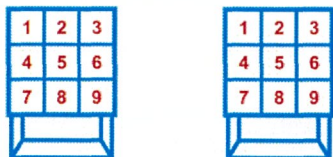
1	0	3
1	1	1

(D)

1	0	2
2	1	1

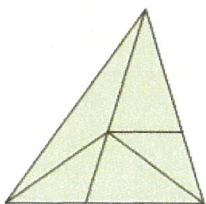
2.

3. Mary and her sister play 9 square game by throwing baseball. If Mary hits the squares of three largest odd numbers, and her sister hits the top left square and the bottom left square, find the sum of the numbers that they hit.



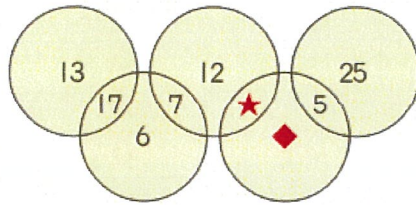
- (A) 29 (B) 30 (C) 31 (D) 32

4. How many different triangles are there in the picture?



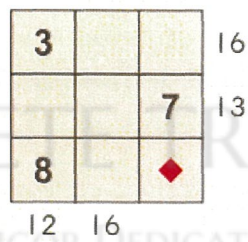
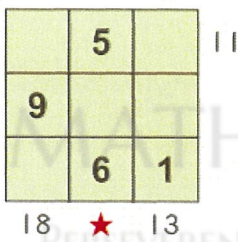
- (A) 8 (B) 9 (C) 10 (D) 11

$\star = ?$, $\blacklozenge = ?$



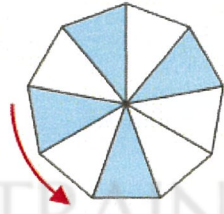
5. (A) $\star = 10$, $\blacklozenge = 20$ (B) $\star = 11$, $\blacklozenge = 16$ (C) $\star = 13$, $\blacklozenge = 12$ (D) $\star = 11$, $\blacklozenge = 14$

6. Write numbers 1-9 in each \square without repetition. Some numbers are written. The numbers which are marked outside the squares the sums of the numbers in a row or a column. Find $\star + \blacklozenge$

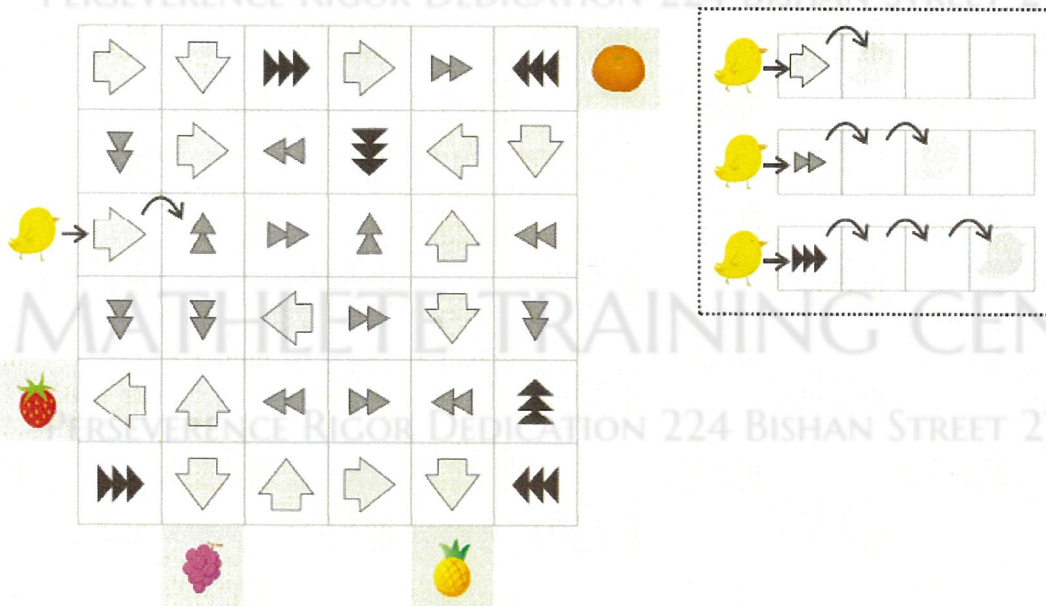


- (A) 18 (B) 20 (C) 21 (D) 22

7. Look at the picture below. Write colour strip below has the correct colour arrangement? (The two ends of the colour strip can be connected, but the colour strip cannot be turned over)



- (A) *CBAD* (B) *BACD* (C) *BDCA* (D) *BCDA*



- (A) (B) (C) (D)

8.

9. Jenny is reading books. Given that the page numbers of each book are consecutive numbers, and page 1 always starts from the right. When she opens the book at will, which number below can be the correct sum of the page numbers on the left and the right.
 (A) 50 (B) 79 (C) 64 (D) 85

10. As shown below. Circle three consecutive number squares whose sum of numbers is 16. (There are six forms.) If each number square can only be used once, how many groups of such consecutive number squares are there at most simultaneously?



3	9	1	5	2	9	1	5
4	6	4	6	4	8	2	3
2	1	6	6	2	9	9	4
6	3	5	16	5	9	3	
8	3	8		8	4	8	
3	1	6	4	2	8	4	6
2	7	7	7	5	6	1	6
2	5	2	6	3	2	5	7

- (A) 10 (B) 11 (C) 12 (D) 13