

<i>Division</i> <b>P</b> YEAR 1	<b>MALAYSIA ASEAN MATH OLYMPIADS 2014 CONTEST</b>	
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**Full Name:**

**Year:**

**Date:**

**Time:**

**School Name:**

**School Code:**

## Rules and Regulations

(Please read these rules and regulation carefully)

1. Please fill in your **FULL name** correctly, school name, school code and the date and time of contest clearly in the spaces above. Those who do not fill in the required particulars will be disqualified automatically.
2. Do not open the question booklet until you are told to do so. You may only use **2B** pencil when answering the questions.
3. No calculators and any unauthorised electronic devices (including mobile phones) are allowed during the contest.
4. Strict silence must be observed at all times in the examination hall and please be reminded that you **MAY NOT** leave your seat without permission.
5. If you have any request or enquiry, please raise your hand and wait for an invigilator.
6. Only one candidate is allowed to leave the hall at a time. You are required to return to the hall within 10 minutes or else you will automatically be disqualified from the contest.
7. Each question in the contest have been verified by experienced trainers, thus no further explanation will be given.
8. The time allowed for the paper is **90 minutes**. You must stop writing when you are told to do so.
9. You **MUST** fill in your answer in the answer sheet provided in second page of the question booklet. You will not be awarded marks for any answer written in the question booklet.
10. Please be reminded that this is a contest and not an examination, try your level best to answer all questions within the prescribed time.
11. **Please tear off the answer sheet carefully and returned to invigilator along with contest paper. Participant only can bring back the contest papers on next week.**

### Scoring System

1. The correct answer to each problem will be awarded one (1) point. However, you will NOT be penalised for each incorrect answer.
2. The organizer reserves the right to disqualified the event of malpractice to differentiate between those outstanding students.
3. Contestants or a team who are disqualified from the contest will be forfeited any right to re-sit this year.

Division

**P**

YEAR 1

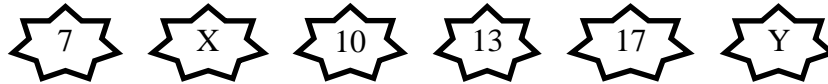
**MALAYSIA ASEAN  
MATH OLYMPIADS**  
**Answer Sheet**



1		6		11		16	
2		7		12		17	
3		8		13		18	
4		9		14		19	
5		10		15		20	



- 1 What is the number represented by X and Y?



- (A) 8, 19  
(B) 9, 22  
(C) 8, 22  
(D) 9, 23  
(E) None of the above
- 

- 2 The sum of the ages of Wong and Tan is 8. What will be the sum of their ages 5 years later?

- (A) 20    (B) 18    (C) 16    (D) 13    (E) 8
- 

- 3 Find the sum of X and Y in the number pattern below:

1, 4, X, 10, Y

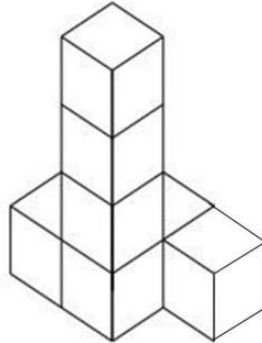
- (A) 20    (B) 21    (C) 22    (D) 23    (E) 24
- 

- 4 (            ) + 79 - 32 = 51. What number should be filled in the bracket?

- (A) 0    (B) 4    (C) 6    (D) 8    (E) 9
-



**5** How many cubes in the picture below?



- (A) 6      (B) 7      (C) 8      (D) 9      (E) 10

**6** In the subtraction problem below, what does "A" represents?

$$\begin{array}{r}
 A \quad 2 \\
 - \quad 2 \quad B \\
 \hline
 3 \quad 8 \\
 \hline
 \hline
 \end{array}$$

- (A) 5      (B) 6      (C) 7      (D) 8      (E) 9

**7** How many two-digit numbers that the sum of the two digits is 5?

- (A) 3      (B) 4      (C) 5      (D) 6      (E) 7

- 8** Hisham eats 2 apples a day and Misha eats 3 apples a day. How many days later both of them will eat a total of 15 apples?

(A) 3      (B) 2      (C) 1      (D) 4      (E) 5

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- 9** A group of students are going for a picnic in 3 vans. Each van is occupied by 6 students. How many students are there?

(A) 18      (B) 19      (C) 16      (D) 20      (E) 17

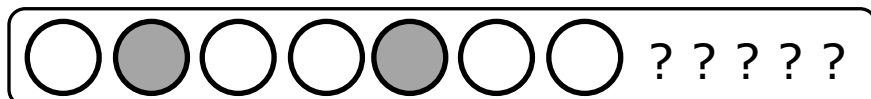
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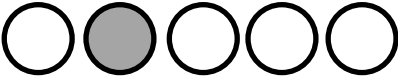

- 10** Fatimah has a number of sweets. if she gives half of her sweets to her sister, there are 12 sweets left. How many sweets does Fatimah have?

(A) 12      (B) 16      (C) 20      (D) 24      (E) 26

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- 11** A number of black and white marbles are arranged according to the pattern shown below. Please draw the next five marbles.



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



**12** Based on the statements below, who is the tallest among the four boys?

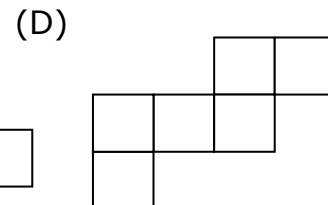
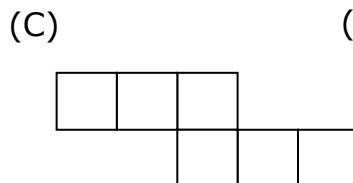
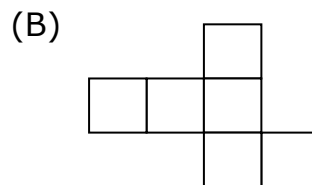
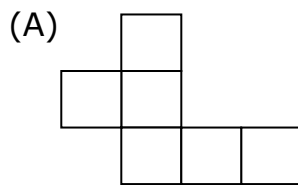
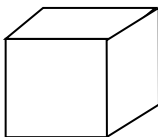
- Dhani is taller than Ahmad.
- Ben is shorter than Chan.
- Chan is Shorter than Dhani.
- Ben is taller than Ahmad.

- (A) Dhani  
(B) Ahmad  
(C) Ben  
(D) Chan  
(E) None of the above
- 

**13** Mei Ling and her sister are queueing to buy ice-cream. There are 4 people in front of them and 6 people behind them. How many people are there queueing to buy ice-cream?

- (A) 12    (B) 11    (C) 10    (D) 9    (E) 8
- 

**14** Which of the following paper cannot be folded into a cube?



- (E) None of the above
-

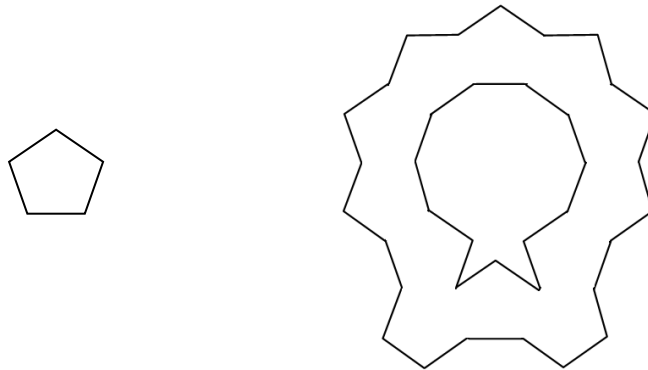


- 15** Mrs. Wong has four square cakes. How many parts should each of the cakes be cut into so that she can distribute the cakes evenly to 6 children?

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

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- 16** How many pentagon as shown in the following diagram (left hand side) is needed to form object on the right hand side?



(A) 9      (B) 10      (C) 11      (D) 12      (E) None of the above

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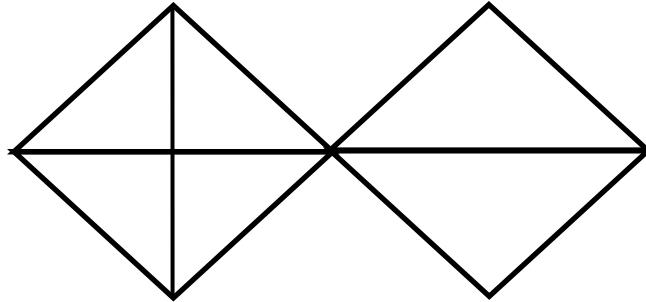
- 17** Another triangle should be added in which box so that figure below can be divided into four equal parts and each part must contain a triangle?

A	B		E
			
C	D		

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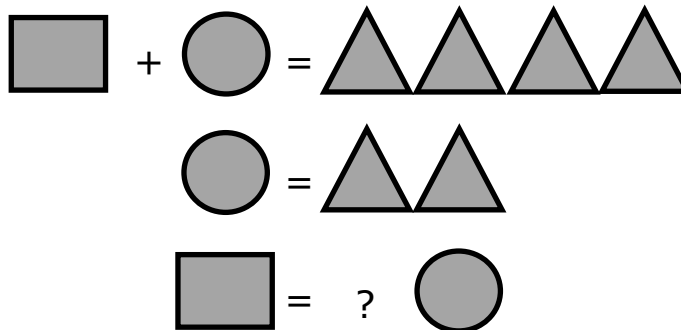


- 18** Using the lines of the figure below, how many different triangles can be traced?



- (A) 6      (B) 8      (C) 10      (D) 11      (E) 12

**19**



A square equals to how many circles?

- (A) 6      (B) 4      (C) 3      (D) 1      (E) 2

- 20** In the square below, the sum of the 3 numbers in each row, in each column and in each diagonal is always the same. What is the value of Y?

6	1	8
	Y	4

- (A) 4  
(B) 5  
(C) 6  
(D) 7  
(E) None of the above