

AOS

ASIAN OLYMPIAD SOCIETY

AMO

ASIAN MATHEMATICS OLYMPIAD 2020-2021

CLASS

2

INSTRUCTIONS AND INFORMATION FOR THE CANDIDATE

GENERAL

1. Do not open the booklet until told to do so by your teacher.
2. No calculators maths stencils, mobile phones or other calculating devices are permitted. Scribbling paper, graph paper, ruler and compasses are permitted, but are not essential.
3. Read the instructions on the answer sheet carefully. Ensure your name, school name and class are entered. It is your responsibility to correctly code your answer sheet.

THE ANSWER SHEET

1. Use an HB pencil or a Blue/Black ball point pen only to record your choice of answer in the Answer sheet.
2. Your answer sheet will be scanned. The optical scanner will attempt to read all markings even if they are in the wrong places, so please be careful not to write anything extra on the answer sheet.
3. If you want to change an answer or remove any marks, use a plastic eraser and be sure to remove all marks and smudges.
4. Fill your enrollment number clearly, improper enrollment number may lead to unavailability of result.
5. Please fill your Mobile Number clearly on the Answer Sheet, we will share your marks / result and other information related to AOS exams on your mobile number.
6. All questions are compulsory and there is no negative marking.
7. Return the ANSWER SHEET to the invigilator at the end of the exam.

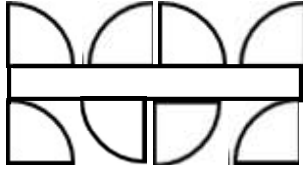
INTEGRITY OF THE COMPETITION

The AOS reserves the right to re-examine students before deciding whether to grant official status to their score.

ENROLLMENT NUMBER : _____ CLASS : _____

STUDENT NAME : _____ Contact No : _____

1. If 4 quarter circles make up one circle. How many circles can be made using all the quarter circles you can find in the shape given?



- a) 8 b) 4 c) 2 d) 1

2. What time is it when it is half an hour to midnight?

- a) 11:30 am b) 11:30 pm c) 11 pm d) 12:30 pm

3. If ☆ = 3 tens, find the value of ☆ + ☆ + ☆ + 23

- a) 3 tens 3 ones b) 6 tens 3 ones c) 9 tens 13 ones d) 1 hundred 13 ones

4. 2 spiders have 16 legs, how many pairs of legs do 6 spiders have?

- a) 48 b) 24 c) 12 d) 6

5. The picture graph given shows the number of flowers collected by a farmer on 5 different days.

Monday	Tuesday	Wednesday	Thursday	Friday
Each stands for 5 flowers				

On which day were 25 more flowers collected than on Wednesday?

- a) Monday b) Tuesday c) Thursday d) Friday

6. Which of the figures given are made up of the same number of curved and straight lines?

P	Q	R	S

a)

- S and Q only b) P and S only c) P, Q and R only d) R only

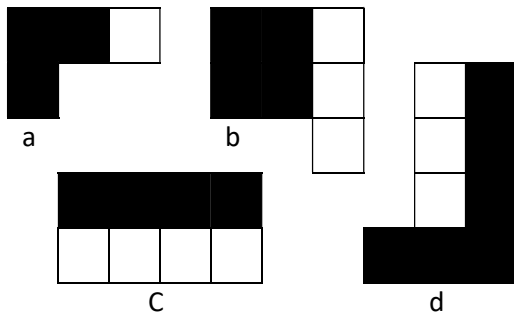
7. Observe the numbers in the given box.

246	692	257	241
800	760	770	

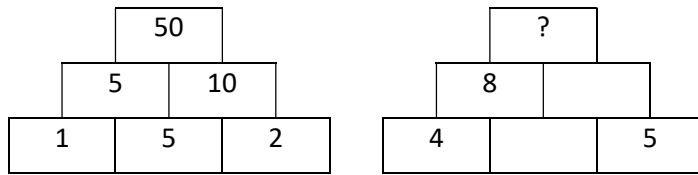
Which number is in the middle when the given numbers are arranged in descending order?

- a) 760 b) 800 c) 770 d) 692

8. Which of the following figures is $\frac{6}{8}$ shaded?

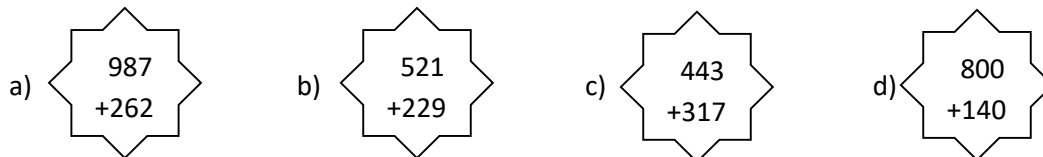


9. By applying the same rule as that given in the example, find the number which replaces the question mark.











- a) 160 b) 80 c) 56 d) 8

10. Which star has a sum less than 760?



11. How many squares are there in the given figure?



12. Mohan shares 28 straws with his 4 friends. How many straws does each of them get?
 a) 4 b) 5 c) 10 d) 7
13. If $\square + \triangle = 185$ and $\triangle + \triangle + \triangle = 150$, what is the value of \square ?
 a) 185 b) 235 c) 135 d) 150
14. I am the fifth from the left but the seventh from the right in a queue. How many people are there in the queue?
 a) 14 b) 13 c) 12 d) 11
15. Helen is solving a puzzle involving a code. The shapes  and  represent different numbers.
 Clue 1 :  +  = 6
 Clue 2 :  +  +  = 7
 What is the value of  ?
 a) 4 b) 3 c) 2 d) 1

Answer key

1 - c	2 - b	3 - d	4 - b	5 - c	6 - d	7 - d	8 - a	9 - b	10 - b	11 - c	12 - d	13 - c	14 - d	15 - c
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