



FAMOUS STUDENTS PLATFORM

2023

FSP MATHEMATICS CONTEST

QUESTION BOOKLET

GRADE 3 & 4

TIME ALLOWED : 75 MINS

MAXIMUM MARKS:75



FSP

VIBRANT YOUNGSTERS COMPETITIONS



INSTRUCTIONS

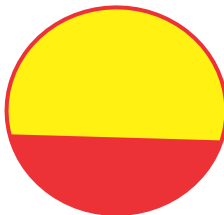
- 1) Don't start attempting the paper until instructed by the invigilator.
- 2) instructions from the examination invigilator must be carried out promptly.
- 3) Carefully recheck your name, father name, school name, address etc at the bubble sheet / answer sheet.
- 4) Record all answers on the bubble sheet only. select best answer from the four given options and mark only one option in each question.
- 5) Use blue / black ink to fill up the circles for your answers on the bubble sheet use of lead pencil is not allowed.
- 6) Use of any helping material including cell phones and electronic devices is strictly prohibited.
- 7) Every correct answer earns three points. there would be negative marking. one point would be deducted for every incorrect answer.
- 8) Candidates may not leave the examination room unescorted for any reason, and this includes using the washroom.
- 9) No materials or electronic devices shall be brought in to the room.
- 10) There are five categories of the contest as under:
 - A) vibrant youngsters (Grade 1 & 2)
 - B) vibrant youngsters (Grade 5 & 6)
 - C) vibrant youngsters (Grade 7 & 8)
 - D) vibrant youngsters (Grade 9 & 10 / O-levels)
- 11) Only registered students can participate in the contest.
- 12) No candidate shall take out of the hall any answer book(s) or part of an answer book, whether used or unused, or other supplied material.
- 13) If a participant does not understand a word or phrase on the exam paper, neither examiner nor invigilator is permitted to answer.
- 14) for information about upcoming contests or providing valuable feedback,
please visit www.fspcompetitions.org
- 15) Any academic misconduct or malpractice must be reported to fsp vibrant youngsters at info@fspcompetitions.org

QUESTION NO : 01

Which of these does NOT show a half?

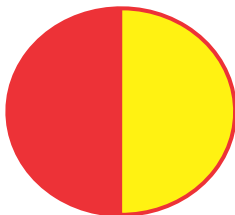


(A)



(B)

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



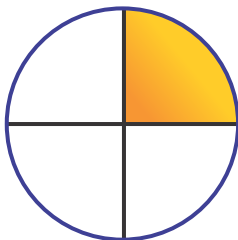
(C)



(D)

QUESTION NO : 02

Which circle has the largest area shaded?

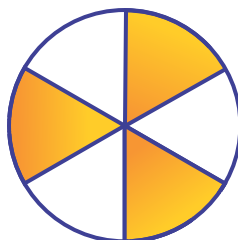


(A)

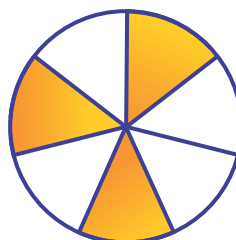


(B)

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



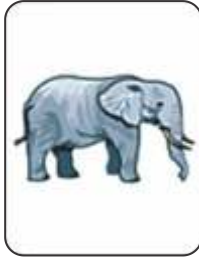
(C)



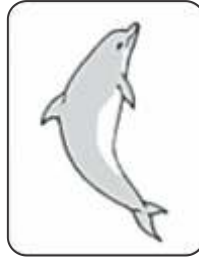
(D)

QUESTION NO : 03

In a card game, each animal is worth a different number of points.



20 points



12 points

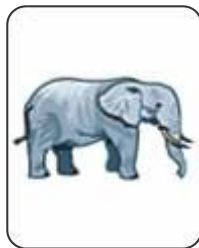


7 points



3 points

Sultan has these three cards.



How many points does Sultan have?

- (A) 42
- (B) 35
- (C) 30
- (D) 22

QUESTION NO : 04

This table shows the number of boys and girls aged 9 and 10 in a class.

	Age 9	Age 10	Total
Boys	9	7	16
Girls	6	?	11
Total	15	12	27

How many girls aged 10 are in the class?

- (A) 5
- (B) 6
- (C) 17
- (D) 19

QUESTION NO : 05

What units could be used to measure the length of this chain?



- (A) centimetres
- (B) kilograms
- (C) litres
- (D) minutes

QUESTION NO : 06

The Lahore Metro Bus travels 6 times a day.



How many times does the metro bus travel in 5 days?

- (A) 5
- (C) 11

- (B) 6
- (D) 30

QUESTION NO : 07

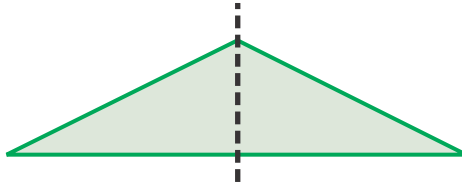
How many squares are in this picture?



- (A) 1
- (B) 3
- (C) 4
- (D) 5

QUESTION NO : 08

This triangle has only one line of symmetry. It is shown by the dotted line.



How many lines of symmetry does this shape have?



- (A) 1
- (B) 2
- (C) 4
- (D) 8

QUESTION NO : 09

This diagram shows how points are awarded for the first four places in each event at a school sports day.

	1 st	7 points
	2 nd	5 points
	3 rd	3 points
	4 th	2 points

Ayema went in 3 events and scored a total of 13 points.

What could her places have been?

- (A) 2nd, 3rd, 3rd
- (B) 1st, 3rd, 3rd
- (C) 2nd, 2nd, 4th
- (D) 1st, 3rd, 4th

QUESTION NO : 10

Mama bought these boxes of pizza.



How many pizzas did she buy?

- (A) 4
- (B) 6
- (C) 8
- (D) 10

QUESTION NO : 11

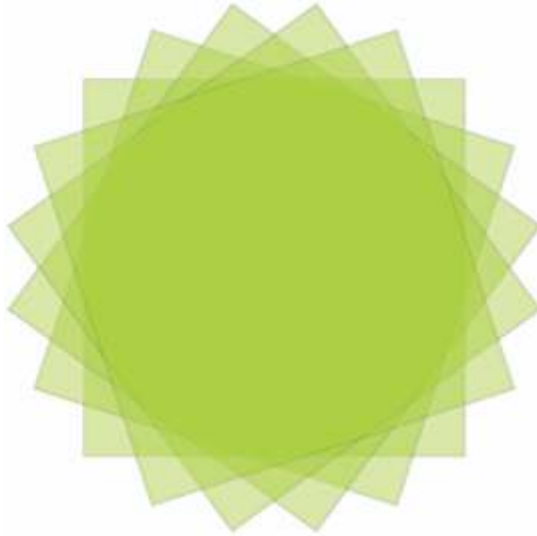


Which shape is used most in this drawing?

- (A) circle
- (B) rectangle
- (C) square
- (D) triangle

QUESTION NO : 12

This picture was made by placing copies of a square on top of each other.



How many squares were used to make the picture?

- (A) 5
- (B) 10
- (C) 15
- (D) 20

QUESTION NO : 13

Students at CEATS Competitions can earn Bronze, Silver and Gold Medals.

Students with 6 Bronze Medals receive a Silver Medal.

Students with 4 Silver Medals receive a Gold Medal.

How many Bronze Medals are needed to receive a Gold Medal?

- (A) 6×4
- (B) $6 + 4$
- (C) $6 \times 4 + 1$
- (D) $6 + 4 + 1$

QUESTION NO : 14

Fawad put 12 pencils into two boxes.



He put three times as many pencils in the large box as he put in the small box.

How many pencils did he put in the large box?

- (A) 3
- (B) 4
- (C) 6
- (D) 9

QUESTION NO : 15

The Shalimar Express left Lahore at 4:35 am and it arrived at Karachi at 2:15 pm the same day.

How long did the train take to get from Lahore to Karachi?

- (A) 2 hours 20 minutes
- (B) 6 hours 50 minutes
- (C) 9 hours 40 minutes
- (D) 10 hours 20 minutes

QUESTION NO : 16

Rani has 9 packets of pins.



There are 38 pins in each packet.

How many pins does Rani have altogether?

- (A) 242
- (B) 272
- (C) 342
- (D) 2772

QUESTION NO : 17

How many days are there in six years?

- (A) about 300
- (B) about 600
- (C) about 1000
- (D) about 2000

QUESTION NO : 18

$$945 \div 9 = ?$$

- (A) 15
- (B) 100
- (C) 105
- (D) 150

QUESTION NO : 19

Saira made these model bugs.



3 spots
4 legs



6 spots
8 legs



9 spots
12 legs

She then made a model bug that had 36 legs.

How many spots did that model bug have?

- (A) 9
- (B) 12
- (C) 27
- (D) 48

QUESTION NO : 20

Here is a bottle of medicine.

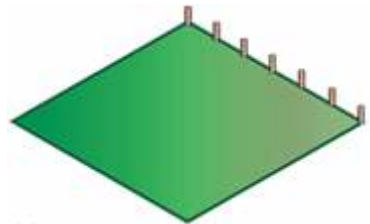


Which of these shows how to work out how many DOSES are there in the bottle?

- (A) $360 \div 8$
- (B) $360 \div 3$
- (C) 8×360
- (D) 3×8

QUESTION NO : 21

Abdullah has a square yard with fence posts every 7 m along one edge, as shown below.



He decides to fence the rest of the yard the same way.

How many **more** fence posts will he use?

- (A) 15
- (B) 17
- (C) 18
- (D) 21

QUESTION NO : 22

There are 9 strawberries in this box.



Beenish eats $\frac{2}{3}$ of the strawberries.

How many strawberries are left?

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

QUESTION NO : 23


Telling time:

Read the time shown:



a. 
5:00

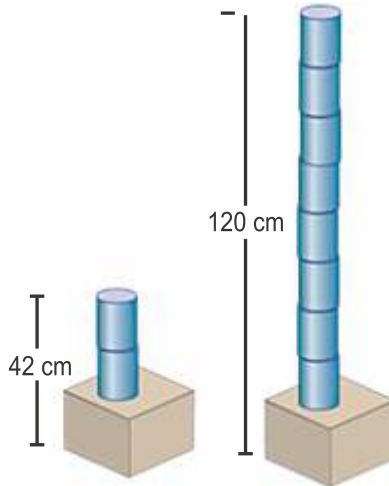
b. 
8:00

c. 
3:00

d. 
9:00

QUESTION NO : 24

Humaima stacked two identical cans on a box and measured the height. She then stacked 8 of the same cans on the box and measured the height.

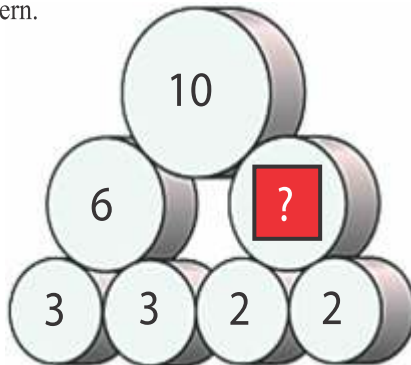


What was the height of the box?

- (A) 14 cm
- (B) 15 cm
- (C) 16 cm
- (D) 21 cm

QUESTION NO : 25

Here is a number pattern.



What is the missing number?

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



ANSWER SHEET

GRADE 3&4

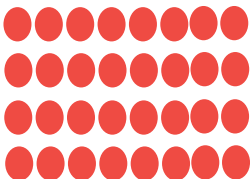


Q.NO ANSWER

- 1 (A) ● (C) (D)
- 2 (A) ● (C) (D)
- 3 (A) (B) ● (D)
- 4 ● (B) (C) (D)
- 5 ● (B) (C) (D)
- 6 (A) (B) (C) ●
- 7 (A) (B) (C) ●
- 8 (A) ● (C) (D)
- 9 (A) ● (C) (D)
- 10 (A) (B) (C) ●
- 11 (A) ● (C) (D)
- 12 ● (B) (C) (D)
- 13 ● (B) (C) (D)
- 14 (A) (B) (C) ●
- 15 (A) (B) ● (D)

Q.NO ANSWER

- 16 (A) (B) ● (D)
- 17 (A) (B) (C) ●
- 18 (A) (B) ● (D)
- 19 (A) (B) ● (D)
- 20 ● (B) (C) (D)
- 21 (A) ● (C) (D)
- 22 ● (B) (C) (D)
- 23 (A) (B) ● (D)
- 24 (A) (B) ● (D)
- 25 (A) (B) (C) ●



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