World Maths Championship

Grade 6

Name: _____

Date: _____

Question: 1 of 50 QID: 19442 Marks: 1

Look at this series: 22, 21, 23, 22, 24, 23, ... What number should come next?

A. 24

B. 26

C. 25

D. 27

Question: 2 of 50 QID: 19446 Marks:1

Following pictograph shows the number of tractors in five villages.What is the total number of tractors in all the five villages?

A. 22

B. 23

C. 28

D. 29

Question: 3 of 50 QID: 19463 Marks: 1

Robin ranks eighteenth in a class of 49 students. What is his rank from the last.

A. 31

B. 33

C. 32

D. 34

If the order of the English alphabet is reversed, then which letter(s) would be exactly in the middle?

- **A.** M
- **B.** N & M
- **C.** N
- **D.** O

Question: 5 of 50　　　QID: 19455　　　Marks: 1

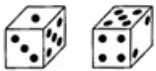If a number is divisible by both 4 and 5, which of the following numbers is it also divisible by?

- **A.** 10
- **B.** 20
- **C.** 30
- **D.** 15

Question: 6 of 50　　　QID: 19421　　　Marks: 1

Two positions of a dice are shown. If two dots are on the bottom, then how many dots will be on the top?

- **A.** 1
- **B.** 3
- **C.** 6
- **D.** 5

Question: 7 of 50　　　QID: 19434　　　Marks: 1

A sheet of paper is folded in a particular manner and a punch is made. Select a Figure amongst the options that would closely resemble the unfolded form of given sheet.

- **A.**
- **B.**
- **C.**
- **D.**

Question: 8 of 50　　　QID: 19437　　　Marks: 1

In a row Sam is 17th from the left and 19th from right then what is the total number of candidates in that row?

- **A.** 32
- **B.** 34
- **C.** 35
- **D.** 36

Zachary's art club ordered a giant sub sandwich for a party. It was 6 feet long! When the sandwich arrived, Zachary cut it into 16 equal pieces.
How long was each piece?

A. 6/16   B. 1/16
C. 16/6   D. 2/6

When a man had his first son, his age was 32 years. His wife was 35 years of age when his son attended the age of 7 years. Find the age difference between the man and his wife ?

A. 3years   B. 4years
C. 5years   D. 6years

In a joint family, there are father, mother, 4 married sons and three unmarried daughters. Of the sons, two have 2 daughters each, and two have a son and a daughter each. How many female members are there in the family?

A. 15   B. 12
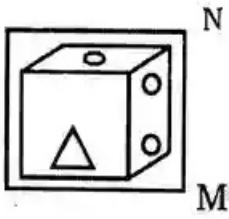C. 14   D. 11

Find the difference between the greatest and the least 5-digit number that can be written using the digits 6, 2, 7, 4, and 3 each only once.
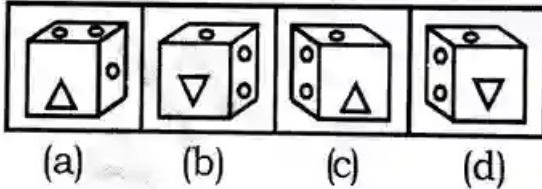
A. 52995   B. 52965
C. 92665   D. 25965

Find the Mirror Image of Reasoning Question

Question Figure:-

Answer Figures:-

- A. (a)
- B. (b)
- C. (c)
- D. (d)

In a certain code, TELEPHONE is written as ENOHPELET. How is ALI GATOR written in that code?

- A. ROTAGILA
- B. ROTAGAIL
- C. ROTAGILE
- D. ROTEGILA

If English alphabets are written in reverse order, what will be seventh letter on the right of the 12th letter from the left end

- A. F
- B. H
- C. G
- D. S

Count the number of triangles in the given figure.

- A. 12
- B. 16
- C. 24
- D. 22

Out of 1800 students in a school, 750 opted for basketball, 800 opted for cricket, and the remaining opted for table tennis. If a student can opt for only one game, find the ratio of The number of students who opted for cricket to the number of students opting for basketball.

- A. 15÷16
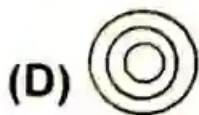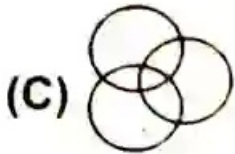- B. 16÷15
- C. 16÷31
- D. 15÷31

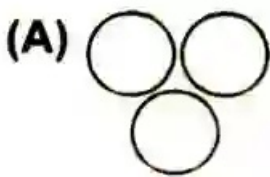On subtracting 8 from 0, we get

- A. 8
- B. -8
- C. 9
- D. 10

Pia walks a distance of 4 metres towards South. Then she turns to the left and walks 3 metres. After this she turns to the right and walks 4 metres. In which direction is she facing now?
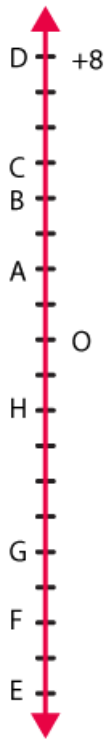
- A. North-East
- B. South
- C. North
- D. East

Which of the following figure represent village, district, state.

- A. A
- B. B
- C. C
- D. D

Adjacent figure is a vertical number line representing integers. Observe it and locate the following points. Arrange all the points in decreasing order of value.

A. C, D, B, A, O, H, G, F, E.

B. D, C, B, H, O, A, G, F, E.

C. D, C, B, A, O, H, G, F, E.

D. D, C, , A, O, H, G, F, E.

Solve:
(−7) + (−8) + (−90) = ?

A. − 105

B. 105

C. 501

D. -115

From the given alternatives select the word which cannot be formed using the letters of the given word IMPASSIONABLE

A. IMPASSABLE

B. IMPASSION

C. IMPASSIVE

D. IMPOSSIBLE

A rectangular piece of land measures 0.7 km by 0.5 km. Each side is to be fenced with 4 rows of wires. What is the length of the wire needed?

A. 9.6km

B. 6.9km

C. 9km

D. 6km

Find the missing character, if a certain rule is followed in the figure.

A.   190

B.   236

C.   221

D.   255

Select a figure from the options which will continue the same series as established by the Problem Figures.

Problem Figures
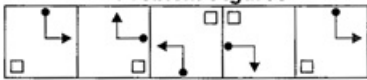
A.

B.

C.

D.

In a class of 35 students, Kim is placed seventh from the bottom whereas Sam is placed ninth from the top. Paul is placed exactly in between the two. What is Kim's position from Paul?

A. 9

B. 11

C. 12

D. 10

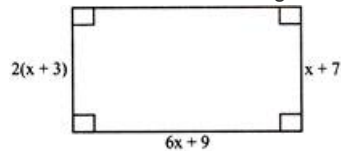A, B, C, D, E, F and G are sitting in a row facing North. F is to the immediate left of G.E is 4th to the right of G. C is the neighbour of B and D.Person who is third to the left of D is at one of the ends.Who are the neighbours of B?
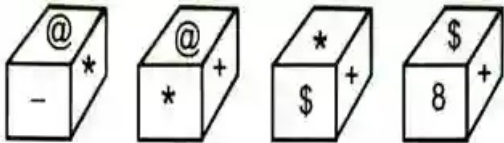
○ **A.**　C and E

○ **C.**　C and G

○ **B.**　G and F

○ **D.**　C and D

Question: 29 of 50　　　　QID: 19462　　　　Marks: 1

The measurements in the given figure are in cm.What is its area?

○ **A.**　200 square cm

○ **C.**　186 square cm

○ **B.**　120 square cm

○ **D.**　196 square cm

Question: 30 of 50　　　　QID: 19440　　　　Marks: 1

Find the Sign which will be on the face opposite to the face of the symbol *?

○ **A.**　@

○ **C.**　$

○ **B.**　8

○ **D.**　80

Question: 31 of 50　　　　QID: 19445　　　　Marks:1

What time is it?

07:00.a.m.

○ **A.**　It is seven o' clock in the evening

○ **C.**　It's seven o'clock at night

○ **B.**　It is seven o' clock in the afternoon

○ **D.**　It is seven o' clock in the morning

QID: 19456

Marks: 1

Solve:
8×7−4÷2 = ?

A. 55

B. 55

C. 54

D. 50

Question: 33 of 50

QID: 19441

Marks: 1

Find the correct number and complete the series.150, 252, 392, 576, 810, ?

A. 1100

B. 1001

C. 1010

D. 1110

Question: 34 of 50

QID: 19460

Marks: 1

A merchant had US$ 78592 with her. She placed an order for purchasing 40 radio sets at US$ 1200 each. How much money will remain with her after the purchase?

A. 50392

B. 30295

C. 30592

D. 35092

Question: 35 of 50

QID: 19461

Marks: 1

If the perimeter of a triangle is 24 units and the lengths of its sides are in the ratio 3:4:5, what is the length of the longest side?

A. 5units

B. 11units

C. 8units
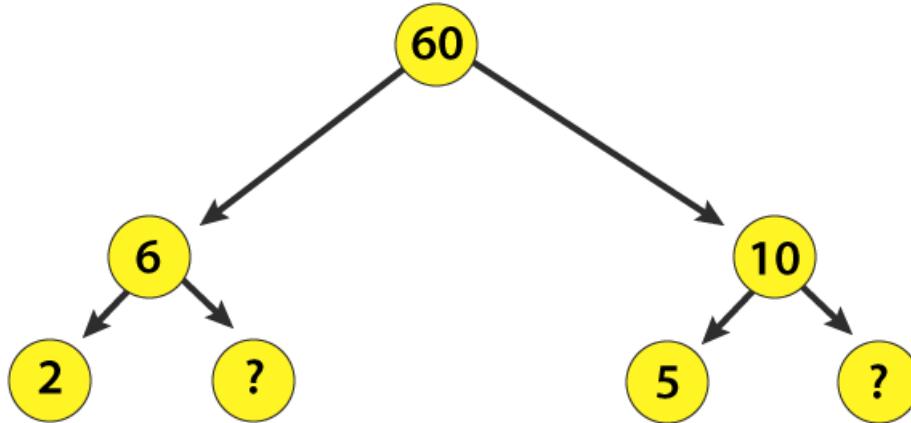
D. 10units

Question: 36 of 50

QID: 19430

Marks: 1

If English alphabets are written in reverse order, what will be seventh letter on the right of the 12th letter from the left end?

A. E

B. F

C. G

D. H

CMM, EOO, GQQ, _____, KUU

A. GRR

B. GSS

C. ISS

D. ITT

Here is one factor tree for 60. Write the missing numbers.

A. 3,2

B. 2,5

C. 5,3

D. 3,3

Fill in the blanks with >, <, <= or = sign.$(-25) - (-42)$ _____ $(-42) - (-25)$

A. >

B. <

C. (=)

D. < =

Look at this series: 7, 10, 8, 11, 9, 12, ... What number should come next?
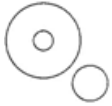
A. 13

B. 10

C. 11

D. 20

Which number is prime?

- ○ **A.** 9
- ○ **C.** 12
- ○ **B.** 7
- ○ **D.** 17

Which of the following set of letters will complete the given letter series?
WFB, TGD, QHG, ?

- ○ **A.** NU
- ○ **C.** PJK
- ○ **B.** NJK
- ○ **D.** NIK

Which of the following elements satisfies the Venn diagram given here?

- ○ **A.** Judge, Thief, Criminal
- ○ **C.** Teacher, College, Student
- ○ **B.** Father, Mother, Parents
- ○ **D.** Polygons, Rectangles, Squares

A set of three figures X, Y and Z showing a sequence of folding of a piece of paper. Fig. (Z) shows the manner in which the folder paper has been cut. Select a figure from the options which would closely resemble the unfolded form of Fig. (Z).
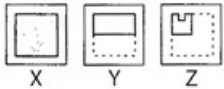
- ○ **A.**
- ○ **C.**
- ○ **B.**
- ○ **D.**

Find the missing number

2	5	6	28
4	9	9	77
3	7	6	?

A. 38   B. 39

C. 40   D. 41
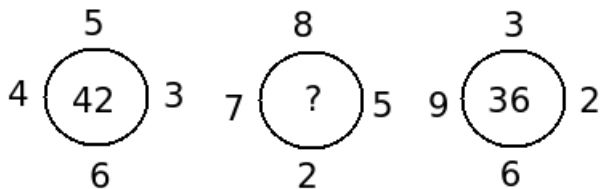

What is LCM of two prime numbers ?

A. Their addition   B. Their division

C. Their product   D. 1

In a college, out of 4320 students, 2300 are girls. Find the ratio of Number of boys to the total number of students.

A. 216÷106   B. 101÷216

C. 216÷102   D. 102÷101

Find the missing number

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   5          8          3
4 (42) 3   7 ( ? ) 5   9 (36) 2
   6          2          6
```

A. 51   B. 50

C. 52   D. 53

Observe this bar graph which is showing the sale of shirts in a ready made shop from Monday to Saturday. On which day were the minimum number of shirts sold?

I unit length = 5 shirts
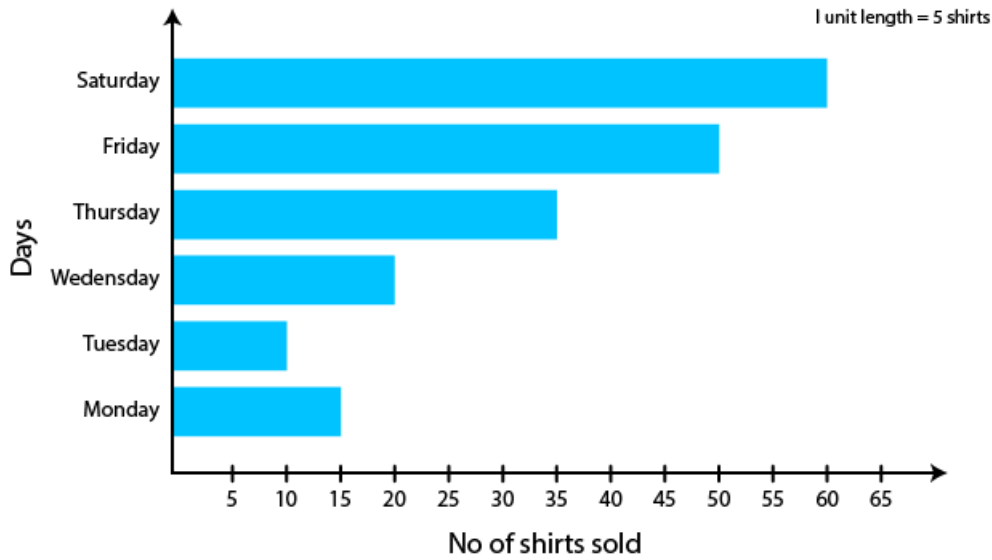
- **A.** Tuesday
- **B.** Wednesday
- **C.** Thursday
- **D.** Friday

Prat is a bookworm. He has a home library and he arranges 483 books per shelves. If there are 32 shelves like this, what will be the count of books in Prat's library?

- **A.** 15356
- **B.** 154566
- **C.** 15486
- **D.** 15456

--- END OF QUESTION PAPER ---