School Connect Online

SCO INTERNATIONAL MATHS OLYMPIAD

CLASS 4 QUESTION PAPER

A reviewed practice paper for schools, teachers, parents, and students

Designed from Class 4 mathematics pathways and aligned with SCO's platform flow for guided preparation, practice, reporting, and future-ready academic growth.

- age-fit mathematics practice for Class 4 / primary-level learners globally
- question blocks across number system, Roman numerals, operations, geometry, measurement, data handling, decimals, and money
- answer keys, explanations, visual references, and classroom-ready review format for academic enrichment

Numbers	Roman	Operations	Geometry	Data
Graphs	Decimals	Money	Reasoning	Review

SCO INTERNATIONAL MATHS OLYMPIAD

Class 4 | Question Paper Set H | Total Questions: 35 | Time: 1 Hour

Guidelines for the Candidate

- Read each question carefully before selecting the answer.
- Each question has only one correct option.
- Use the answer key and explanation inside each question block after attempting the paper for learning and revision.
- Graph and diagram questions include visuals inside the related question block.

School Connect Online

Number System and Roman Numerals

Q1. Which of the following numbers is written in the International Number System?

A. 12,35,300	**B.** 3,234,300
C. 1,12,400	**D.** 4,32,305

Answer	B

Explanation: In the International Number System, commas are placed after every three digits from the right. The number 3,234,300 follows this format, while the other options use Indian-style grouping.

Q2. If the digit 6 and the digit 0 interchange their places in the number 5602, what is the new number?

A. 5620	**B.** 5026
C. 5062	**D.** 5206

Answer	C

Explanation: In 5602, the digit 6 is in the hundreds place and 0 is in the tens place. After interchanging them, the number becomes 5062.

Q3. The number 643208 in expanded form is:

A. 600000 + 40000 + 3000 + 200 + 8	**B.** 6000 + 40000 + 3000 + 200 + 8
C. 600000 + 400 + 3000 + 200 + 8	**D.** 600000 + 40000 + 300 + 20 + 8

Answer	A

Explanation: 643208 has 6 in the hundred-thousands place, 4 in the ten-thousands place, 3 in the thousands place, 2 in the hundreds place, 0 in the tens place, and 8 in the ones place.

Q4. We have the following numbers: (a) 34,500, (b) 12,204, and (c) 13,408. Which of these is nearest to 10,000?

A. Only (a)	**B.** Only (b)
C. Only (c)	**D.** Both (b) and (c)

Answer	B

Explanation: Distance from 10,000: 34,500 is 24,500 away, 12,204 is 2,204 away, and 13,408 is 3,408 away. Therefore 12,204, option (b), is nearest to 10,000.

Q5. What is the largest 5-digit number that can be formed using the digits 3, 2, 0, 8, and 4?

A. 84320	**B.** 83024
C. 83240	**D.** 84302

Answer	A

Explanation: To form the largest number, arrange the digits in descending order: 8, 4, 3, 2, 0. The number is 84320.

Q6. Preeti wants to write the number 732 in the Roman numeral system. Which option is correct?

A. CCXXXII	**B.** DCCXXII
C. DCCXXXII	**D.** DCCXII

Answer	C

Explanation: 732 = 700 + 30 + 2. In Roman numerals, 700 is DCC, 30 is XXX, and 2 is II. Therefore, 732 is DCCXXXII.

Q7. The Roman numeral illustrated in the image is equivalent to:

A. 50	**B.** 45
C. 65	**D.** 80

Answer	D

Explanation: L means 50 and each X means 10. LXXX = 50 + 10 + 10 + 10 = 80.

Q8. If we subtract 32 from 70, what will be the result in Roman numerals?

A. XXXVIII	**B.** XXVIII
C. XVII	**D.** XV

Answer	A

Explanation: 70 - 32 = 38. In Roman numerals, 38 is XXXVIII.

Q9. Which number has no symbol in the Roman numeral system?

A. 1	**B.** 10
C. 5	**D.** 0

Answer	D

Explanation: The Roman numeral system has symbols such as I for 1, V for 5, and X for 10, but it does not have a symbol for zero.

Q10. Which number will come first if these Roman numerals are arranged in ascending order: XXII, XVIII, XXX, VII?

A. XVIII	**B.** VII
C. XXX	**D.** XXII

Answer	B

Explanation: XXII = 22, XVIII = 18, XXX = 30, and VII = 7. The smallest number is VII, so it comes first.

Q11. **Mohan, the gardener, plants roses in his square garden. He planted 140 seeds and wants 20 rose plants in each row. How many rows should he make?**

A. 8	**B.** 6
C. 7	**D.** 5

Answer	C

Explanation: Number of rows = total seeds divided by seeds in each row = 140 ÷ 20 = 7 rows.

Q12. **Which number should be multiplied by 6 to get a value equal to (50 - 2)?**

A. 7	**B.** 6
C. 5	**D.** 8

Answer	D

Explanation: First solve the bracket: 50 - 2 = 48. The number that gives 48 when multiplied by 6 is 8 because 6 × 8 = 48.

Q13. **Which of these gives the greatest value?**

A. 7 times 5	**B.** 100 divided by 50
C. 12 times 4	**D.** 10 times 2

Answer	C

Explanation: The values are 35, 2, 48, and 20. The greatest value is 48, which is 12 times 4.

Q14. **If 30 : 15 :: 60 : ___, what is the missing number?**

A. 30	**B.** 15
C. 40	**D.** 45

Answer	A

Explanation: 30 becomes 15 by dividing by 2. Applying the same relation, 60 divided by 2 equals 30.

Q15. Which of the following is not divisible by 6?

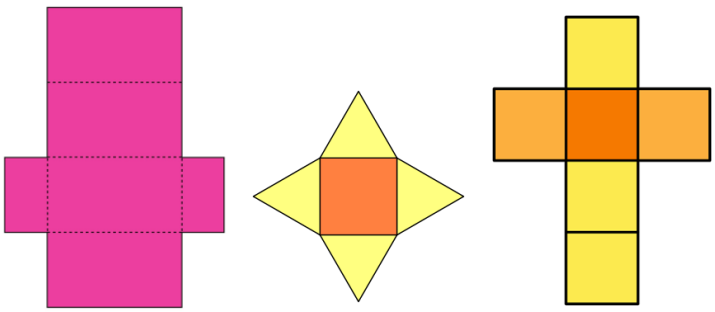
A. 1362	**B.** 4086
C. 1051	**D.** 720

Answer	C

Explanation: A number divisible by 6 must be divisible by both 2 and 3. 1051 is not even, so it is not divisible by 6.

Geometry and Measurement

Q16. Which of the following is the net of a pyramid?



A. Option A	**B.** Option B
C. Option C	**D.** None of these

Answer	B

Explanation: A square pyramid has one square base and four triangular faces. Option B shows a square with four triangles attached, so it is the correct net.

School Connect Online

Q17. Identify the correct statement: (a) A line segment has one end point. (b) A ray travels in one direction. (c) A line has both length and width. (d) A ray never ends.

A. Only (a)	**B.** Only (b)
C. (a), (b) and (c)	**D.** (b) and (d)

Answer	D

Explanation: A line segment has two end points, so (a) is false. A ray starts at one point and continues endlessly in one direction, so (b) and (d) are true. A line has length but no width in basic geometry.

Q18. Find the correct match: (a) Square - 4 corners - 4 diagonals; (b) Rectangle - 4 corners - 2 diagonals; (c) Triangle - 2 corners - 0 diagonal; (d) Circle - 7 corners - 0 diagonal.

A. Only (a)	**B.** Only (b)
C. Both (b) and (c)	**D.** Only (d)

Answer	B

Explanation: A rectangle has 4 corners and 2 diagonals. A square has 2 diagonals, not 4; a triangle has 3 corners, not 2; and a circle has no corners.

Q19. Which figure has 0 sides?

A. Square	**B.** Triangle
C. Circle	**D.** Rhombus

Answer	C

Explanation: A circle has no straight sides. Squares, triangles, and rhombuses are made of line segments.

Q20. **Rohan arranged coins in a stack by placing all coins one above the other. Which 3-D shape does it represent?**

A. Cone	**B.** Cube
C. Sphere	**D.** Cylinder

Answer	D

Explanation: A stack of circular coins forms a cylinder because it has circular top and bottom faces and a curved surface.

Q21. **Arhaan walks 3 rounds around a rectangular park. The length is 30 m and the breadth is half of the length. How many meters has Arhaan covered?**

A. 300 m	**B.** 270 m
C. 210 m	**D.** 420 m

Answer	B

Explanation: Breadth = 30 ÷ 2 = 15 m. Perimeter = 2 × (30 + 15) = 90 m. In 3 rounds, Arhaan covers 90 × 3 = 270 m.

Q22. **Rakesh is fencing his square garden. Each side measures 70 m and fencing costs Rs. 3.50 per meter. If he gives Rs. 1000, how much money will he get back?**

A. Rs. 30	**B.** Rs. 15
C. Rs. 45	**D.** Rs. 20

Answer	D

Explanation: Perimeter of square = 4 × 70 = 280 m. Cost = 280 × 3.50 = Rs. 980. Return money = 1000 - 980 = Rs. 20.

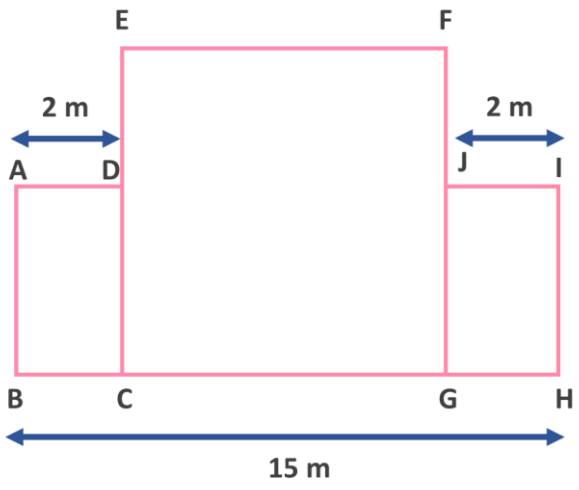
Q23. Preeti is making square-shaped patches for a dress. Each patch has side length 15 cm. If she wants 40 patches, what area of cloth will she need?

A. 9000 sq. cm	**B.** 3000 sq. cm
C. 90 sq. cm	**D.** 1500 sq. cm

Answer	A

Explanation: Area of one square patch = 15 × 15 = 225 sq. cm. For 40 patches, total area = 225 × 40 = 9000 sq. cm.

Q24. What will be the length of EF in the given figure?

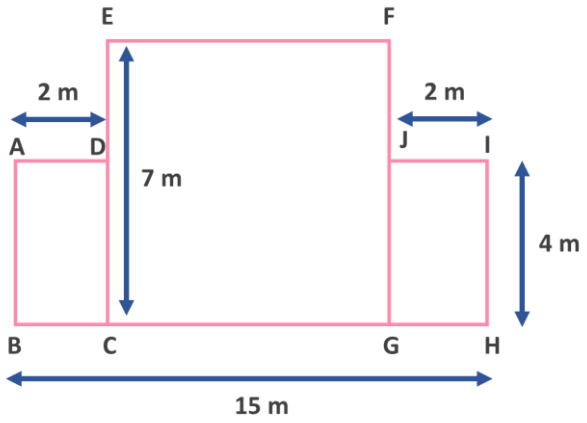


A. 11 m	**B.** 10 m
C. 12 m	**D.** 9 m

Answer	A

Explanation: The total bottom length is 15 m. The left and right side extensions are 2 m each. Therefore EF = 15 - 2 - 2 = 11 m.

Q25. **What will be the perimeter of the given figure?**



A. 42 m	**B.** 44 m
C. 48 m	**D.** 50 m

Answer	**B**

Explanation: The perimeter is found by adding the outer boundary lengths: 15 + 4 + 2 + 3 + 11 + 3 + 2 + 4 = 44 m.

Data Handling, Decimals and Money

Q26. **Study the pictograph properly. Which day has the least temperature?**

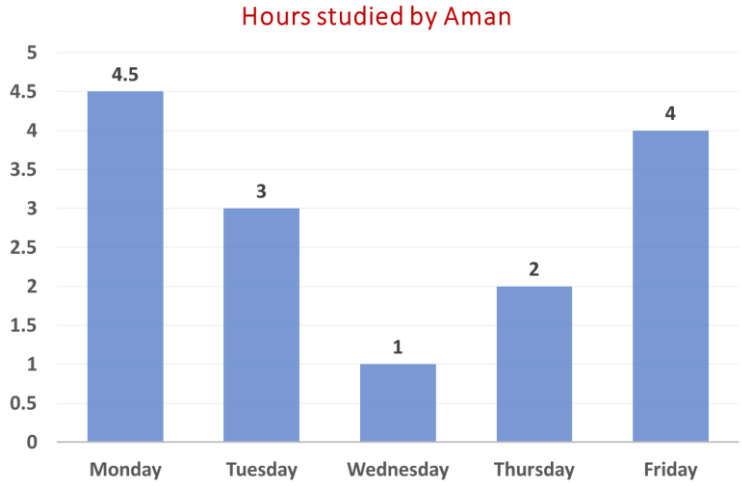
Temperature of Delhi in a week	
Monday	
Tuesday	
Wednesday	
Thursday	
Friday	
Saturday	
Sunday	
 = 10 degrees	

A. Tuesday	**B.** Sunday
C. Saturday	**D.** Thursday

Answer	C

Explanation: The pictograph shows the fewest sun symbols for Saturday, so Saturday has the least temperature.

Q27. The chart shows the number of hours studied by Aman. What is the average number of hours studied in these 5 days?

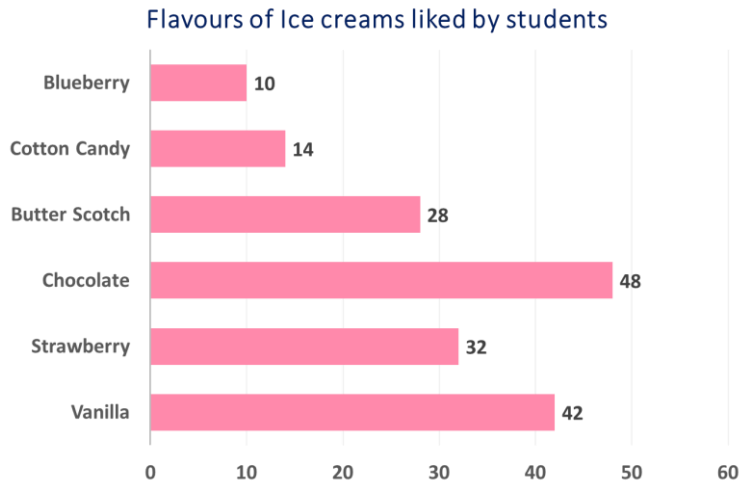


A. 3.5 hours	**B.** 2.5 hours
C. 3.8 hours	**D.** 2.9 hours

Answer	**D**

Explanation: Total hours = 4.5 + 3 + 1 + 2 + 4 = 14.5. Average = 14.5 ÷ 5 = 2.9 hours.

Q28. A class poll shows favourite ice cream flavours. The sum of students who like Blueberry and Cotton Candy is how much less than those who like Chocolate?

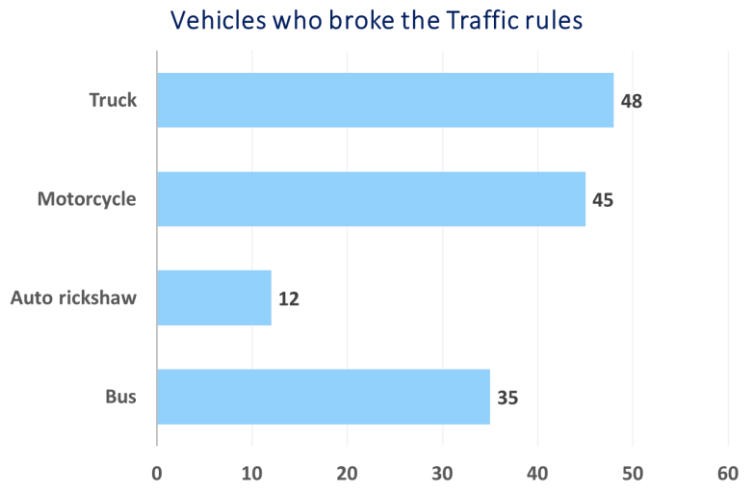


A. 24	**B.** 28
C. 32	**D.** 30

Answer	**A**

Explanation: Blueberry = 10 and Cotton Candy = 14, so total = 24. Chocolate = 48. Difference = 48 - 24 = 24.

Q29. The graph shows challans issued for vehicles breaking traffic rules. What is the difference between challans against truck drivers and bus drivers?

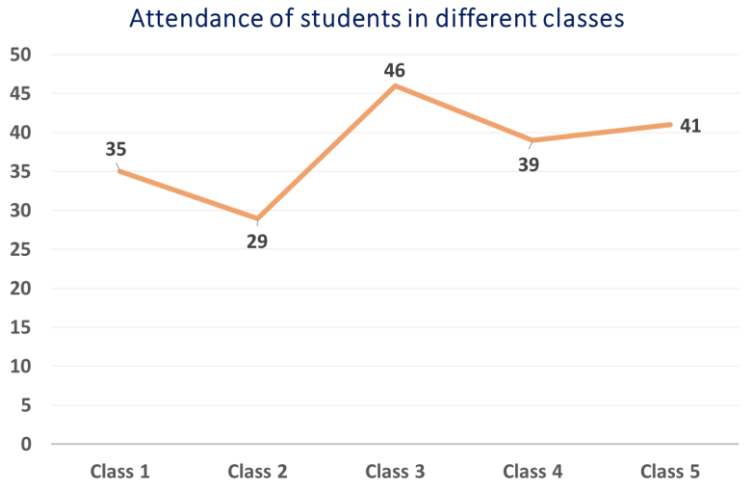


A. 12	**B.** 14
C. 15	**D.** 13

Answer	**D**

Explanation: Truck challans = 48 and bus challans = 35. Difference = 48 - 35 = 13.

Q30. There are 50 students in each class. The graph shows students present on Monday. Which class has the least number of absentees?



A. Class 1	**B.** Class 3

C. Class 4	**D.** Class 5

Answer	**B**

Explanation: Absentees = 50 - present. Class 3 has 46 students present, so only 4 students are absent, which is the least.

Q31. Suchita thinks of a decimal number where the tenths digit is 2, the hundredths digit is 5, and the tens digit is 3 more than the ones digit. If the tens digit is 4, what is the number?

A. 41.25	**B.** 14.25
C. 41.52	**D.** 14.52

Answer	**A**

Explanation: If the tens digit is 4 and it is 3 more than the ones digit, the ones digit is 1. The tenths digit is 2 and the hundredths digit is 5, so the number is 41.25.

Q32. What is the simplest value of 14.28 + 31.29 + 31.05 - 25.64 - 2.80?

A. 41.18	**B.** 45.80
C. 48.18	**D.** 42.18

Answer	**C**

Explanation: 14.28 + 31.29 + 31.05 = 76.62. Then 76.62 - 25.64 - 2.80 = 48.18.

Q33. Which one is greater?

A. 41.35 + 0.25	**B.** 41.2653 - 40
C. 42.05 + 0.20	**D.** 41.404 - 1

Answer	**C**

Explanation: The values are 41.60, 1.2653, 42.25, and 40.404. The greatest value is 42.25, which is option C.

Q34. Priyanshu ate pizza for Rs. 124.90 including taxes. He gave Rs. 200 at the counter. How much money should he ask for in return?

A. Rs. 70.05	**B.** Rs. 72.40
C. Rs. 75.10	**D.** Rs. 76

Answer	C

Explanation: Change = Rs. 200.00 - Rs. 124.90 = Rs. 75.10.

Q35. Kirti has Rs. 14.50. Priyank gives her Rs. 22.35 more and Sheetal gives her Rs. 12 more. How much does Kirti have now? Round it off to a whole number.

A. Rs. 49	**B.** Rs. 30
C. Rs. 15	**D.** Rs. 20

Answer	A

Explanation: Total = 14.50 + 22.35 + 12.00 = Rs. 48.85. Rounded to the nearest whole rupee, this is Rs. 49.

School Connect Online

Consolidated Answer Key

Q.No.	Ans.	Q.No.	Ans.	Q.No.	Ans.	Q.No.	Ans.	Q.No.	Ans.
1	B	8	A	15	C	22	D	29	D
2	C	9	D	16	B	23	A	30	B
3	A	10	B	17	D	24	A	31	A
4	B	11	C	18	B	25	B	32	C
5	A	12	D	19	C	26	C	33	C
6	C	13	C	20	D	27	D	34	C
7	D	14	A	21	B	28	A	35	A