INTERNATIONAL INDIAN SCHOOL, BURAIDAH

Computational Thinking

Worksheet - 1

Class 3 - (2026-27)

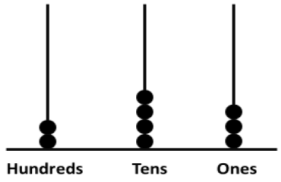
NAME: _____ GR NO._____ SECTION: _____ Date: 10.11.2026

A. Place Value

1. How many 3-digit numbers can you make with only 4 and 5, if one of the digits is present exactly twice?

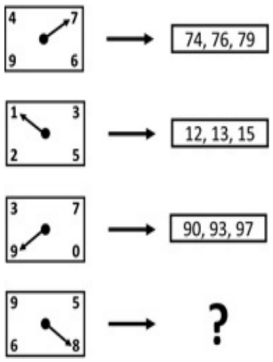
a) 3 b) 5 c) 6 d) 9

2. At minimum, how many more beads are needed to show the number 496 on this abacus?



a) 487 b) 253 c) 10 d) 11

3. What will come in place of "?"



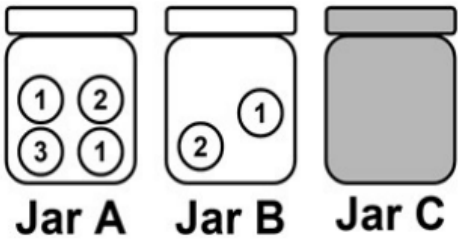
a) 89, 86, 85 b) 85, 86, 89 c) 86, 89, 85 d) 85, 89, 86

B. Addition

4. Which number will you NEVER get if you add a single-digit number and a two-digit number?

a) 11 b) 102 c) 105 d) 109

5. Jars A, B and C together have 9 balls, each with a number on it. Each number appears EXACTLY 3 times. What is the sum of the numbers in Jar C?



a) 8 b) 9 c) 7 d) 6

C. Subtraction

6. X, Y and Z start a game with 100 points each. After each round, the winner takes 10 points from each other player. Z won only the 4th round, and they played 5 rounds in total. What is Z's final score? (No round ends in a draw.)

a) 70 b) 80 c) 90 d) 100

7. Sam has Rs. 20. He gives half of it to Ram. Then he buys 2 pencils. Which item(s) will he NOT be able to buy with the money left?

Pencil	Rs. 3
Chocolate	Rs. 2
Eraser	Rs. 1
Ruler	Rs. 4
Sharpener	Rs. 5

a) 2 Chocolates b) 3 Erasers c) 1 Sharpener d) 1 Ruler

D. Multiplication

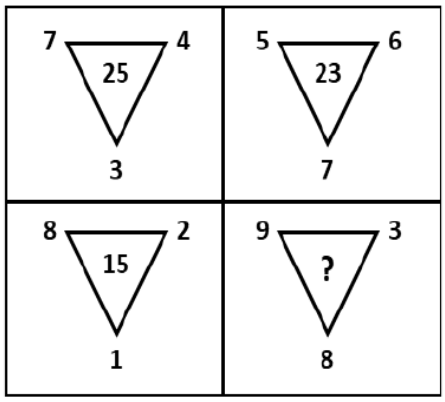
8. Reema put 10 × 7 cups in the first stack, 10 × 8 cups in the second stack and 10 × 9 cups in the third stack. If the pattern continues, how many cups will be in the fifth stack?

a) 100 b) 108 c) 110 d) None of these

9. Raj's phone password is a 3-digit number. The second digit is 2 times the first digit, and the third digit is 3 times the first digit. How many valid passwords are possible? (000 is not allowed.)

a) 1 b) 2 c) 3 d) 5

10. If all the triangles follow the same pattern, what will come in place of "?"



a) 15 b) 19 c) 32 d) 17

E. Division

11. Every class visiting the museum is divided into groups of 6 students. Which class CANNOT be divided into groups of 6 with none left over? (The number is the class strength.)

a) 36 b) 42 c) 38 d) 48

12. If I pack my sweets 2, 3 or 4 to a pack, 1 sweet is left over each time. If I pack them 5 to a pack, none is left over. What is the MINIMUM number of sweets I have? (I have more than one pack.)

a) 25 b) 50 c) 54 d) 55

13. If I take 2 times the number of toys I have and divide them equally into groups of 30, I get 3 groups. How many toys do I have?

a) 5 b) 20 c) 45 d) 180

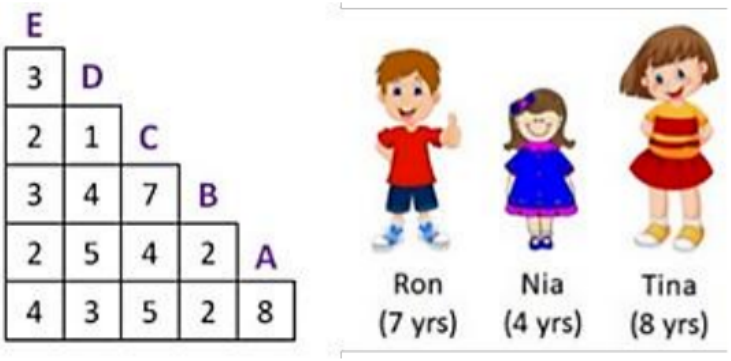
F. Data

14. Remove all numbers greater than 5 from Row 1, all numbers less than 4 from Row 2, and all numbers greater than 7 from Row 3. Which row has the most numbers left?

Row 1	8	4	1	7	2	6
Row 2	5	2	7	0	3	1
Row 3	4	6	8	9	5	1

a) Row 1 b) Row 2 c) Row 3 d) Rows 1 and 3 are equal

15. Each child stands on a step. A child wins if the numbers in the column below that step add up to half or double their age. On which step will NO ONE win?



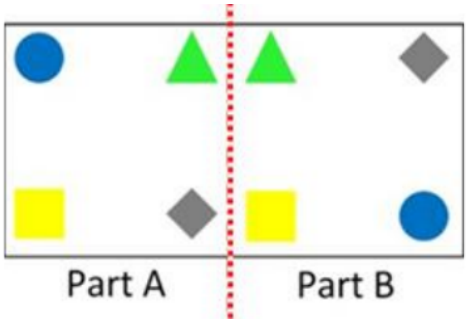
a) Step A b) Both steps B and C c) Step D d) Step E

16. A school has 600 students. 240 students play both cricket and football. 56 students play no sport. How many students play exactly one sport?

a) 544 b) 520 c) 340 d) 304

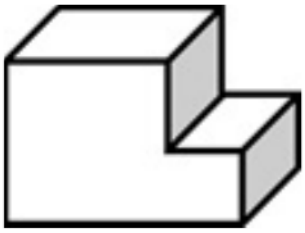
G. Shapes, Space and Patterns

17. When the sheet is folded along the red dotted line, which two identical shapes will overlap?



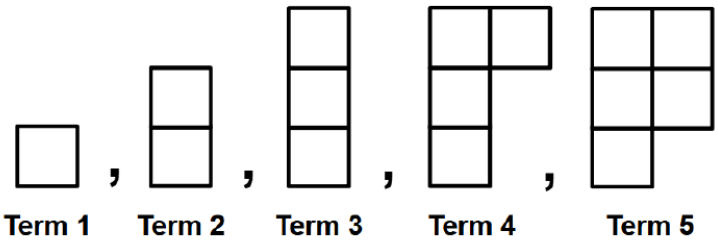
a) Triangle b) Square c) Circle d) Diamond

18. Count the number of surfaces (faces) in this solid.



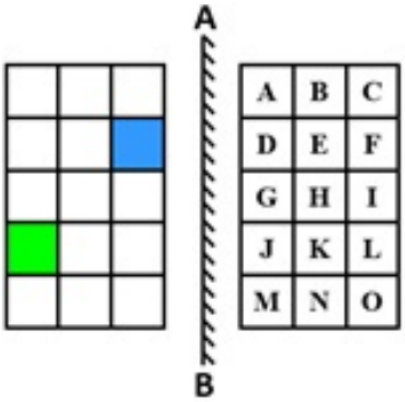
a) 6 b) 7 c) 8 d) 9

19. If boxes keep getting added in the same pattern, in which term will a complete square (made of boxes) be formed?



a) 7 b) 8 c) 9 d) 11

20. If the grid on the right is reflected in a mirror along AB, which letters will land on the blue and green blocks on the left?



a) F and L b) D and J c) F and J d) D and L

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