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International Olympiad of
Mathematics

Presented by:
SILVER ZONE FOUNDATION
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CLASS : 3 SAMPLE QUESTIONS

*The Actual Question Paper Contains 30 Questions. The Duration of the Test Paper is 40 Minutes.*

1. The smallest 4-digit number that can be formed using the digits 7, 8, 0, 9 without repeating the digits is:
(A) 9087　(B) 7089　(C) 7890　(D) 7809

2. If ☐ + ◯ = 9 and ☐ + △ + ◯ = 17, then the value of △ is:
(A) 6　(B) 5　(C) 7　(D) 8

3. If you have three ₹50 note, then which one of the following items can you buy?

(A) 🧸 ₹160　(B) 🧳 ₹140

(C) ▦ ₹200　(D) 🧁 ₹180

4. Find the *incorrect* matching of the fraction represented by shaded parts in the given options.

(A) = $\frac{3}{8}$　(B) = $\frac{2}{2}$

(C) = $\frac{4}{8}$　(D) = $\frac{3}{8}$
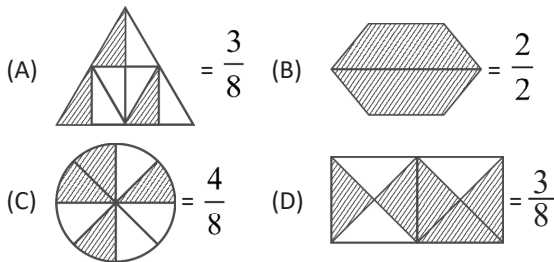
5. The weight of each identical ball in the given balance is:

42 g

(A) 6 g　(B) 7 g　(C) 8 g　(D) 21 g
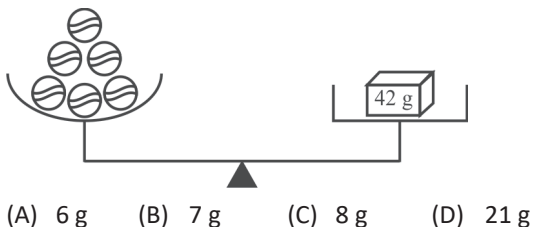
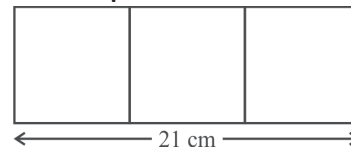**6.** If 🛢 = 🥣 + 🥣 + 🥣 + 🥣, and 🥣 = 750 ml, then what is the capacity of 🛢 ?
(A) 6 L　(B) 3 L　(C) 4.5 L　(D) 3.5 L

7. How many line segments would be needed to make the figure given below?
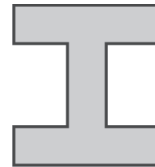
(A) 10　(B) 11　(C) 12　(D) 14

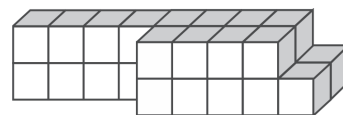**8.** The figure given below is made up of 3 identical squares. Find the perimeter of the whole figure.

⟵ 21 cm ⟶

(A) 64 cm　(B) 56 cm　(C) 48 cm　(D) 49 cm

9. Find the missing numbers in the number series given below.

53, 48, 43, 38, ? , 28, 23, ?
(A) 34 and 29　　(B) 33 and 18
(C) 37 and 18　　(D) 33 and 21

10. Take ▢ as one cube and then count the number of cubes in the given solid.

(A) 20　(B) 24　(C) 26　(D) 32

ANSWERS
1. (B)　2. (D)　3. (B)　4. (D)　5. (B)　6. (B)　7. (C)　8. (B)　9. (B)　10. (C)