

Logical Thinking and Numbers

1. Piggy Bank Problem

Jincy opened her piggy bank. She found 8 coins of ₹1, 9 coins of ₹2, and 5 coins of ₹5.

She wants to buy stickers worth ₹38.

👉 What possible combinations of coins can she use to pay the exact amount?

2. Torch Fun

Raghu presses his grandfather's torch switch once — light turns ON.

He presses it a second time — light turns OFF.

He presses it a third time — light turns ON again.

👉 Will the torch be ON or OFF after the 23rd press? How do you know?

3. Let Us Think

(a) 297 (b) 498 (c) 724 (d) 100 (e) 199 (f) 789 (g) 49 (h) 6,893 (i) 846 (j) 111 (k) 222 (l) 1,023

👉 Write the smallest and largest numbers.

👉 Find the difference between them.

4. Pressing Pattern

Observe the torch's pattern again.

For what number of presses will the torch be ON?

For what number of presses will it be OFF, if Raghu presses it 50 times?