

Subject: Maths

Class: 3

Topic: Number Patterns

Levels: Basic, Intermediate, Advanced

Level: Basic

1. Complete the pattern: 2, 4, 6, 8, ____, ____
2. Skip count by 5s: 5, 10, 15, 20, ____, ____
3. What comes next? 10, 20, 30, 40, ____, ____
4. Reverse pattern: 20, 18, 16, 14, ____, ____
5. Identify the rule for this pattern: 1, 3, 5, 7, 9. (Rule: Add ____)
6. Fill the blanks: 100, 200, 300, ____, ____
7. Find the missing number: 11, 22, 33, ____, 55
8. Complete the sequence: 50, 45, 40, 35, ____, ____
9. Pattern with symbols: ★, ★ ★, ★ ★ ★, _____ (Draw next)
10. Rahul has ₹2, ₹4, ₹6. How much will he have next in the pattern? ₹_____

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Level: Intermediate

1. Skip count by 3s: 3, 6, 9, 12, ____, ____
2. What is the next number? 15, 25, 35, 45, ____, ____
3. Find the missing term: 105, 110, 115, ____, 125
4. Complete the pattern: 2, 12, 22, 32, ____, ____
5. Backward jump: 90, 80, 70, ____, ____, 40
6. If the rule is 'Add 4', complete: 4, 8, 12, ____, ____
7. Identify the missing number: 250, 300, 350, ____, 450
8. Pattern in laddoos: ● ●, ● ● ● ●, ● ● ● ● ● ●, _____
9. Observe and complete: 121, 123, 125, 127, ____, ____
10. Aarav saves ₹10 on Monday, ₹20 on Tuesday. Following this pattern, how much on Friday?
₹____

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Level: Advanced

1. Identify the rule and complete: 2, 4, 8, 16, ____, ____
2. Mixed pattern: 10, 12, 15, 19, 24, ____ (Hint: Add 2, 3, 4...)
3. Large number jump: 1250, 1350, 1450, ____, ____
4. What is the 10th number in the pattern: 7, 14, 21, 28... ? Answer: ____
5. Solve the pattern: 9, 18, 27, 36, ____, ____
6. Decreasing pattern: 1000, 950, 900, 850, ____, ____
7. Logic pattern: 1, 2, 4, 7, 11, ____, ____
8. Find the odd one out in this pattern: 5, 10, 15, 18, 25. (Wrong number: ____)
9. Square-like growth: ●, ●●●● (2²), ●●●●●●●● (3²), _____
10. Challenge: In a colony, house numbers are 101, 104, 107. What is the number of the 6th house? _____