










Worksheet on Patterns for Class 2

Name: _____

Date: _____

Q1. What pattern code does this follow?      

Q2. Look at this pattern:         _____. What is the pattern code? What comes next?

Q3. Rohan made stars in a growing pattern: Step 1 = , Step 2 =   , Step 3 =     . How many stars will be in Step 4?

Q4. Fill in the missing numbers: 213, 214, 215, ____, ____

Q5. Fill in the missing numbers: 240, 250, 260, ____, ____


Q6. What is the missing number? 208, 218, ____, 238. (From Exercise Q4d)


Q7. MCQ: Complete the sequence: 1, 3, 5, 7, 9, ____.

Options: i) 10, ii) 11, iii) 12, iv) 13

Q8. Squares are added in each step: Step 1 is 1 square, Step 2 is 3 squares, and Step 3 is 5 squares. How many squares are added from Step 2 to Step 3?

Answer Key

Q1. AB pattern. Yellow (A) and Blue (B) keep repeating. The next bead will be  (Yellow / A).

Q2. This is an AAB pattern. Red (A), Red (A), Green (B). The next shape is  (Green).

Q3. Step 1 has 1 star, Step 2 has 3 stars, Step 3 has 5 stars. The rule is to add 2 each time. So Step 4 = $5 + 2 = 7$ stars 

Q4. The rule is to add 1 each time. So the missing numbers are 216 and 217.

Q5. The rule is to add 10 each time. The missing numbers are 270 and 280.

Q6. The rule is to add 10 each time. $208 + 10 = 218$, $218 + 10 = 228$, $228 + 10 = 238$

Q7. (ii) 11. The rule is to add 2 each time (odd numbers: 1, 3, 5, 7, 9, 11...)

Q8. $5 - 3 = 2$ squares are added at each step. This is a growing pattern with the rule: add 2 squares each time.

