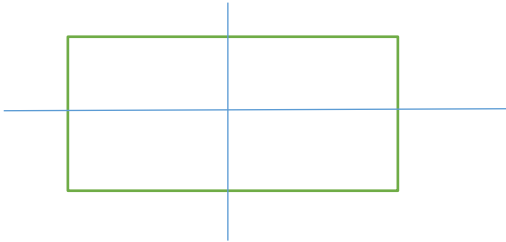


Birla Vidya Niketan
Session 2025-26
Class 3
Mathematics- Patterns and Symmetry
Assignment 3

1. Draw a figure that has **exactly two lines of symmetry**



2. In the pattern: 2, 4, 8, 16, 32, ...

a. What is the rule? Each number is multiplied by 2 to get the next number

b. What would be the 6th number? 64

3. Fill in the missing numbers

a. 5, 10, 15, 20, 25, 30

b. 100, 90, 80, 70, 60

c. 3, 6, 12, 24, 48, 96

d. 2, 4, 6, 8, 10, 12

4. Spot the Pattern!

Pattern:

Star, Circle, Star, Circle, Star, circle

5. Complete the pattern.

A, C, E, G, I, K, M

Challenge Question

Create a pattern using shapes and colours

Self

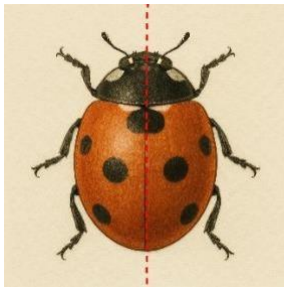
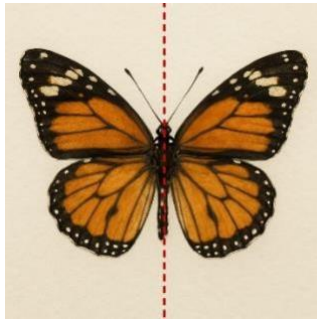
6. Which of these letters have a line of symmetry?
Draw the line of symmetry where necessary!

A

B

M

7. Draw the other half of each picture along the dotted line



Mindspark Questions -

- a. What will be the 10th shape in this pattern?

Triangle, Circle, Square, Triangle, Circle, Square, ...

Triangle

- b. Create your Own Pattern (first 6 numbers)

Start at 7, add 4 each time. **7, 11, 15, 19, 23, 27**