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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?   _____

   b. What would be the 6th number?   _____

3**. Fill in the missing numbers**

    a.   **5, ___, 15, ___, 25, ___**

    b.   **100, 90, 80, 70, ____**

    c.   **3, 6, 12, 24, 48, _____**

    d.   **2, 4, 6, 9, 8, 10 , _____**

4. **Spot the Pattern!**

    Pattern:
    Star, Circle, Star, Circle, Star, _____

5**. Complete the pattern.**

    A, C, E, G, I, _____ , _____

Challenge Question

Create a pattern using **shapes and colours**
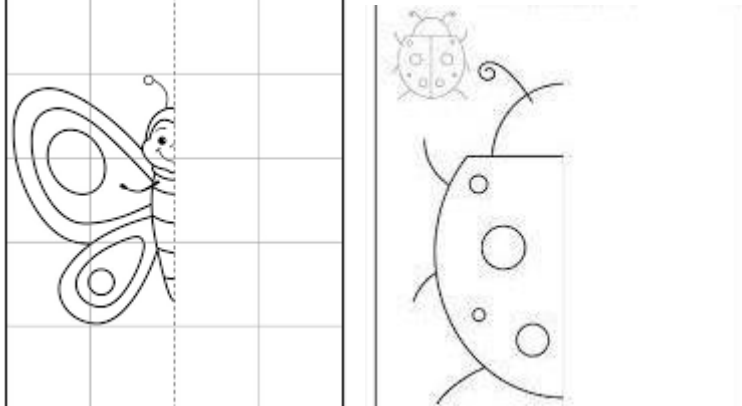
6. Which of these letters have a line of symmetry?
   Draw the line of symmetry where necessary!

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, ...

_____

b . Create your Own Pattern (first 6 numbers)

Start at 7, add 4 each time.

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