

Pattern Recognition

Look closely, find the rule, and predict what comes next. Some patterns use shapes, some use numbers, and some use everyday events — read each one carefully before you answer.

Name: _____ Class: _____ Date: _____

Part 1 — What Comes Next?

Look at each sequence below. What comes next? Draw or write your answer in the blank.

1.



2.



3. 2, 4, 6, 8, ____

4. 5, 10, 15, 20, ____

Part 2 — Find the Rule

Look at each number sequence. What rule is being used each time?

1. 3, 6, 9, 12, 15

What is the rule?

2. 10, 20, 30, 40, 50

What is the rule?

Part 3 — Find the Mistake

Something doesn't belong in this pattern.



Which one is the mistake?

What should it be?

Part 4 — Create Your Own Pattern

Create a pattern for your partner to solve.

My pattern:

The rule is:

Part 5 — Think Like AI

A short reflection question to finish.

What did you look at to predict what comes next?