

# Grade 4 Worksheet: Pattern Recognition

Name: \_\_\_\_\_

Date: \_\_\_\_\_

## ◆ Section 1: Continue the Pattern

Fill in the missing parts.

1) ● □ ● □ ● □ \_\_\_\_\_

2) ▲ ▲ ■ ▲ ▲ ■ \_\_\_\_\_

3) ★ ☆ ★ ☆ ★ \_\_\_\_\_

4) A B C A B C \_\_\_\_\_

## ◆ Section 2: Number Patterns

Find the pattern and complete.

1) 2, 4, 6, 8, \_\_\_\_\_, \_\_\_\_\_

2) 5, 10, 15, 20, \_\_\_\_\_, \_\_\_\_\_

3) 1, 3, 5, 7, \_\_\_\_\_, \_\_\_\_\_

4) 10, 9, 8, 7, \_\_\_\_\_, \_\_\_\_\_

5) 3, 6, 9, 12, \_\_\_\_\_, \_\_\_\_\_

### ◆ Section 3: What Is the Rule?

Write the rule for each pattern..

1) 4, 8, 12, 16

Rule: \_\_\_\_\_

2) 15, 14, 13, 12

Rule: \_\_\_\_\_

3) 2, 5, 8, 11

Rule: \_\_\_\_\_

4) 20, 30, 40, 50

Rule: \_\_\_\_\_

### ◆ Section 4: Find the Missing Number

1) 6, 12, \_\_\_\_, 24, 30

2) 9, \_\_\_\_, 15, 18, 21

3) 5, 10, 15, \_\_\_\_, 25

4) 100, 90, \_\_\_\_, 70, 60