PATTERN DETECTIVES!

Worksheet 1: Geometric and Object Patterns

Grade 2 Mathematics | CAPS Topic 2.1 | Formative Assessment



Name: _____ **Date:** _____

Learning goal: I can copy, extend and describe patterns using objects and pictures.

1. Choose the missing object

Hint: Find the part that repeats.

Look carefully at the pattern. Tick the picture that should come next.



A.  ☐

B.  ☐

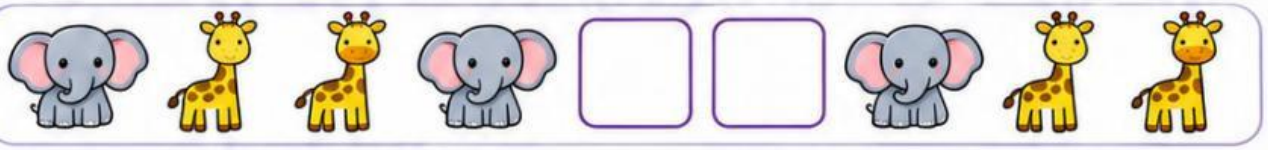
C.  ☐

Answer: _____

2. Complete the animal pattern

Hint: Say the pattern out loud.

The animals follow a repeating pattern. Draw or place the correct animals in the empty boxes.



Word bank:  elephant  giraffe

The pattern rule is: _____

3. Find and fix the mistake

Hint: Check whether every group of 3 objects is the same.

One object in this pattern is wrong. Circle the mistake and draw the correct object in the box.



Correct object: ☐

The pattern should repeat like this: _____

Teacher use (Formative feedback):

- Well done! You found the pattern rule.
- Good try. Look again at what repeats.
- Need help? Work with a partner and say the pattern aloud.

LIVEWORKSHEETS

PATTERN DETECTIVES!

Worksheet 2: Number Patterns

Grade 2 Mathematics | CAPS Topic 2.2 | Formative Assessment



Name: _____ **Date:** _____

Learning goal: I can copy, extend and describe number patterns to 100.

1. Fill in the missing numbers

Hint: Look at how much the numbers change each time.

Look at each number pattern. Write the missing numbers in the empty boxes.

1.1



1.2

32	34	36	___	40	___

Pattern rule: _____

2. Choose the pattern rule

Hint: Say the numbers aloud.

Look at the number pattern. Tick the rule that tells how the numbers change.

25	35	45	55	65

A. Count forwards in 2s ☐ **B.** Count forwards in 5s ☐ **C.** Count forwards in 10s ☐

Answer: _____

3. True or false?

Hint: Check the rule before you choose.

Read each statement. Look at the number patterns and tick true or false.

3.1

40	35	30	25	20

The numbers get smaller by 5 each time. ☐ True ☐ False

3.2

6	12	18	24	30

This pattern counts forwards in 10s. ☐ True ☐ False

Which pattern was easier for you? _____

Teacher use (Formative feedback):

- Well done! You found the pattern rule.
- Good try. Count again and look for the rule.
- Need help? Use a number line and say the numbers aloud.

LIVEWORKSHEETS