WORKSHEET 1: PATTERN DETECTIVES – GEOMETRIC PATTERNS

Grade 2 Mathematics

1 Single Choice

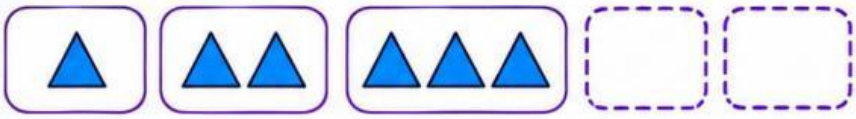
Look at the pattern. Choose the repeating part (core) of the pattern.



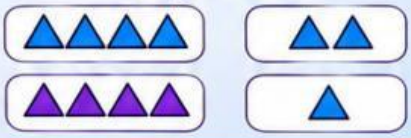
- ○ 
- ○ 
- ○ 

2 Drag & Drop

Complete the increasing pattern by dragging the correct pictures into the empty boxes.

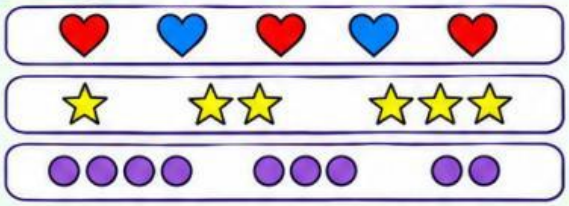


Drag these:



3 Join

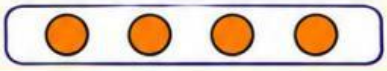
Join each picture pattern to the correct description.



- Repeats
- Grows
- Decreases

4 Checkboxes

Tick (✓) all the picture sequences that follow a repeating rule.

- ☐ 
- ☐ 
- ☐ 
- ☐ 

5 Text Field

Look at the colour pattern. Write the next two colours.



_____ _____



6 Word Search

Find and circle the following words in the word search.

- PATTERN
- REPEAT
- GROW
- RULE

P	A	T	T	E	R	N
R	U	L	E	D	B	G
X	R	E	P	E	A	T
G	R	O	W	S	M	P

LIVEWORKSHEETS



WORKSHEET 2: PATTERN DETECTIVES – NUMBER PATTERNS

Grade 2 Mathematics

1 Single Choice — Look at the number pattern. Choose the rule for the pattern.

5 , 10 , 15 , 20 , 25

- ○ Counting in 2s
- ○ Counting in 5s
- ○ Counting in 10s

2 Drag & Drop — Drag the missing numbers into the pattern.

12 , 14 , ____ , 18 , ____ , 22

16 20 15 24

3 Join — Match each number pattern to its counting rule.

2 , 4 , 6 , 8 , 10	Forwards in 2s
50 , 45 , 40 , 35	Backwards in 5s
10 , 20 , 30 , 40	Forwards in 10s

4 Checkboxes — Tick (✓) all the number sequences that correctly count backwards in 10s.

- ☐ 60 , 50 , 40 , 30
- ☐ 30 , 20 , 10 , 0
- ☐ 90 , 80 , 70 , 60
- ☐ 25 , 20 , 15 , 10

5 Text Field — Complete the number pattern. Write the next two numbers.

30 , 35 , 40 , ____ , ____

6 Single Choice — Look at the number pattern. There is a mistake. Which number should replace 75?

40 , 50 , 60 , 75 , 80

- ○ 65
- ○ 70
- ○ 75
- ○ 90



LIVEWORKSHEETS