Test - Position, direction and patterns

Year: Year 2 · Duration: 30 minutes · /20

Name:	Date:	**Mark: /20**

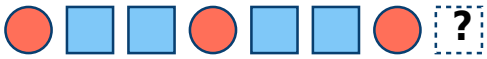
Question	1	2	3	4	5	Total
marks	4	4	4	4	4	**20**
Mark						

Show your working.

Question 1 (4 marks)

Question 1 – Shape pattern

Look at the shape pattern.



a. What is the unit of the pattern?
b. What shape comes next?
c. What is the 12th shape?

Question 2 (4 marks)

Question 2 – Number patterns

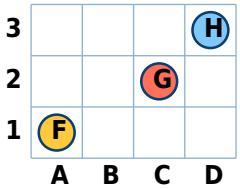
Answer these questions about number patterns.

a. Write the next two numbers: 4, 8, 12, 16, __, __
b. Write the rule: 90, 80, 70, 60
c. Write the missing number: 6, 11, __, 21, 26

Question 3 (4 marks)

Question 3 – On the grid

Look at the grid.



a. Which square is G in?
b. Which letter is in square D3?
c. A bee starts at F and moves 2 squares right and 1 square up. Where does it land?

Question 4 (4 marks)

Question 4 – Turns and directions

Zoe faces the window. Answer each question.

a. She makes a half turn. Which way does she face compared with the window?
b. She makes two quarter turns. Is this the same as a half turn?
c. She turns a quarter turn clockwise and then a quarter turn anticlockwise. Which way does she face?

Question 5 (4 marks)

Question 5 – Growing pattern

Layla makes a pattern of stars on a card. Card 1 has 3 stars, card 2 has 6 stars and card 3 has 9 stars.

a. What is the rule?
b. How many stars are on card 5?
c. How many stars are there on cards 1 to 4 altogether?
d. Layla says card 8 has 25 stars. Is she right? Explain.