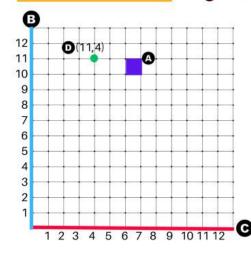


# Term 1 Exam

Soufriere Primary School Grade 5

### Section A: Select the correct definition.

- 1. Algorithm
- A machine learning model.
- A list of instructions that tells a computer what to do.
- @ A way to customize your new phone.
- 2. Parameter
- Instructions that tell a computer how to do something.
- B Finding and fixing mistakes in your code.
- © A list of instructions that tells a computer what to do.
- 3. JavaScript
- The name of a computer coding language.
- A character in coding.
- @ An error in your code.
- 4. Event Handler
- A command that makes a computer repeat an action.
- An action triggered by an event.
- @ A way to make your code shorter.
- 5. Event
- An error in your code.
- A command that makes a computer repeat an action.
- @ An action that triggers another action.
- 6. Variable
- 🦺 A way to make your code more concise.
- A value in a program that can change.
- @ A machine learning model.



## Section B: Which term is shown on the graph?

Put the letter next to the correct term.

- 7. Coordinates \_\_\_\_
- 8. X-Axis \_\_\_\_\_
- 9. Pixel \_\_\_\_

Put the correct number

10. Y-Coordinate \_\_\_\_

**#LIVEWORKSHEETS** 



## Section C: Read the algorithms. Solve the puzzles.

These magic purple flowers change!

#### **Conditional Statements**

Each time you try the puzzle, purple flowers can have either 1 nectar or none at all...but you won't know the number until you run the code!

Be careful not to collect nectar from a purple flower if it doesn't have any. You must first check if the nectar is equal to 1 using the if nectar block.

#### 11. Which command block goes into the conditional statement shown below?

Read the code and select the correct command in the conditional statement to answer the question.







12. Which algorithm will make the bee collect all the nectar from both flowers if they have any?











13. What does the code say after the two "move forward" commands?





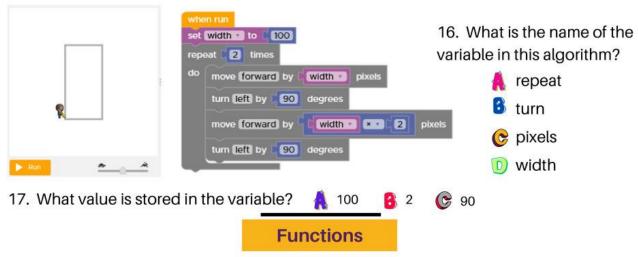
- If it's a honeycomb, make honey or else get nectar.
- If it's a flower, get nectar, or else make honey
- First get nectar, then make flower.





#### Variables

Read the algorithm below. Answer the questions.



#### Read the algorithms below. Answer the questions.



