

Name: _____

Date: _____

LO – Able to design and interpret algorithms using flowcharts and pseudocode.

Flowchart and Pseudocodes

1) Underline the most suitable answer.

A) What is an Algorithm?

- a) A chart showing the flow of a series of events.
- b) A computer program that follows a chart.
- c) Step-by-step instructions used to solve a problem.
- d) A decision arrived at by following instructions.

B) What is a flowchart?

- a) A text-based way of designing an algorithm.
- b) A bullet point list of instructions.
- c) A specific programming language.
- d) A diagram that represents a set of instructions.

C) When can algorithms be used?

- a) Only with computers.
- b) Only with flowcharts.
- c) Only when programming.
- d) Any time to design solutions to problems.

D) What would be an appropriate title for this algorithm?

Start

Put your hand on the doorknob

Turn the doorknob to the side until it unlocks the door

Push or pull the door to open it

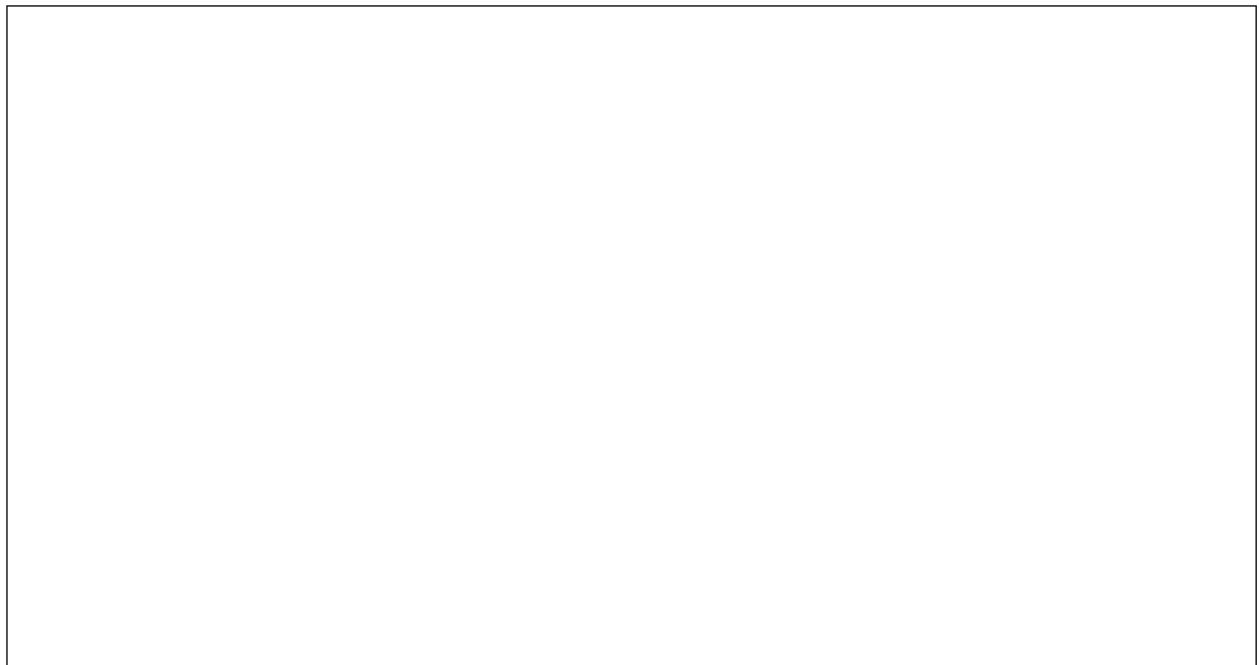
End

- a) Steps to touch a door knob.
- b) How to push a door.
- c) Steps to pull a door.
- d) How to open door.

2) Draw the respective symbols in front of each command.

Begin / End	
Decision	
Process	
Flow between 2 commands showing the direction	
Inputs and outputs	

3) Using the appropriate symbols, design a flowchart to calculate the total between 2 numbers.



How well have I performed?

1 2 3 4 5

Teacher Remarks