

Exercises

Tick(✓) the correct answer

1. It is a set of instructions given in the required order to arrive at a solution to a problem
 - a. Algorithm
2. It is a graphical representation of the sequence of steps required to solve a particular problem
 - c. Flow chart
3. The lines used to connect the boxes of a flow chart are called
 - d. Flowlines
4. Which of these boxes is used at the end or the beginning of a flow chart?
 - c. Terminal box
5. Which box holds the instructions to process a particular act?
 - d. Processing box
6. Which box is used to represent input output in a flow chart?
 - c. Input/Output box
7. This box is used to represent comparison in our flow chart
 - a. Decision box

Fill in the blank

1. An Algorithm is the set of instructions given in the required order to reach a solution to a problem
2. A Flowchart is the graphical representation of the sequence of steps required to solve a particular problem.
3. The Terminal box is used at the end or the beginning of a flow chart.
4. The Input / Output box is used for the input of data or output of information.
5. The SUM= X + Y statement will come in the Processing box
6. Either Start or Stop is written in the Terminal box.

Write T for True and F for False.

1. An algorithm is a graphical representation of a program. F
2. An algorithm consists of steps to reach a solution to a problem. T
3. A flowchart consists of various types of boxes. T
4. The Input / Output box is diamond shaped. F
5. The Terminal box is used either at the beginning or at the end of a flow chart. T
6. The boxes of a flow chart are joined by flow lines. T

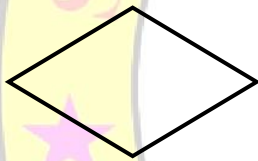
Answer in one word/sentence

1. Which box in a flowchart is used to suggest data input or output?

Ans. Input / Output Box

2. Which box will you use for decision making? Draw it here.

Ans. Decision Box



3. Which box will you use to print the sum of two numbers?

Ans, Input / Output box

4. Which box will be used for the instructions input X?

Ans. Input / Output box

5. Give an example of an instruction to write in the processing box.

Ans. $C=A+B$

Give short answers.

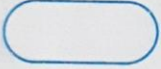
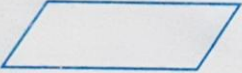
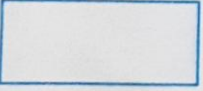
1. What is an algorithm?

Ans. An algorithm is a set of instructions given in a required order to solve a problem.

2. What is a flowchart? How is it helpful in making program?

Ans. A flowchart is a graphical representation of the sequence of steps required to solve a particular problem.

3. Draw and name the various boxes used in a flow chart.

Boxes		Names
1		Terminal Box
2		Input/Output Box
3		Processing Box
4		Decision Box

