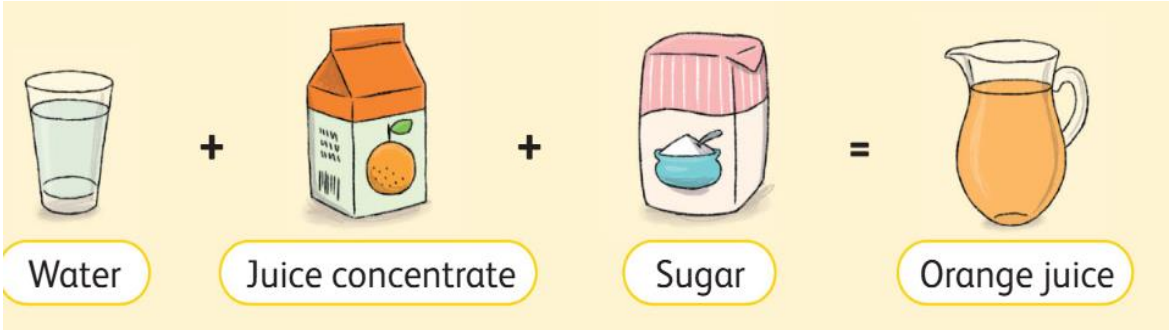
Name: _____
Date: _____

I. Look at the picture given. **/2**



State Input: _____

State output: : _____

II. Use the information below to fill in the blanks: **/4**

- The input for this algorithm is clicking the Green flag.
- the Radio switches to costume Radio-a.
- setting the Radio position to x = -50, y = -111.

Step	Instruction
1	Start program when _____ is clicked
2	Switch costume to ____
3	Set Radio position to x = ____, y = _____
4	Stop program

III. Match the following. **/4**

1) Input	a) the result of processing the input
2) Output	b) has multiple set of instructions
3) Linear algorithm	c) set of instructions
4) Algorithm	d) data that is given to an algorithm

1)	2)	3)	4)

IV. Circle whether the given sentence is input or output. **/5**

Step	Instruction	Input or Output
1	Start program when sprite is clicked	Input/Output
2	Switch costume to Sprite a	Input/Output
3	Set Sprite position to x= -50 y=111	Input/Output
4	Play sound beatbox until done	Input/Output
5	Switch costume to Sprite b	Input/Output

III. Answer the following questions: /5

1) Input and Output can be found in everyday activity. Give an example of it. Mention its input and output. /3

Example:

_____

_____

Input: _____

Output: _____

2) Use the information, create the algorithm: /2

The input for this algorithm is clicking on the horse.

The outputs are:

a) the horse switches costume after one second

b) the horse moves to a random position on the screen.

Step	Instruction
1	
2	
3	
4	
5	Stop Program