

REVISION WORKSHEET - GRADE 4

Pre October Assessment 2026-27

1. Mark True or False. Underline the incorrect word in each false statement.

Statement	True / False
i. An algorithm gives clear steps for completing a task.	
ii. A linear algorithm repeats each step many times.	
iii. The repeat block runs instructions a fixed number of times.	
iv. A forever loop stops automatically after ten repeats.	
v. Predicting means to say what will happen next.	
vii. A repeat until loop stops when its condition becomes false.	

2. Fill in the blanks with the appropriate words from the box below. Not all words will be used.

Algorithm, loop, steps, repeat, order, indefinite, continuously

1. A/an _____ is a list of instructions that tells you how to do something step by step.
2. A _____ is when you do the same thing over and over again.
3. If instructions are out of _____ the task will not get done correctly.
4. The forever loop runs _____ without stopping.
5. You can use a loop when you need to _____ an action many times.
6. Another name for a forever loop is an _____ loop.

3. Number the steps 1-4 to put each algorithm in the correct order.

i. Making a bowl of cereal

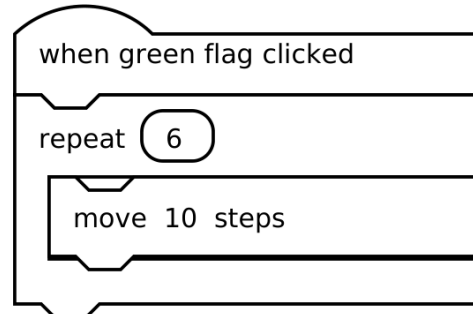
- ☐ Pour milk over the cereal.
- ☐ Get an empty bowl.
- ☐ Eat the cereal.
- ☐ Pour cereal into the bowl.

ii. Starting computer work

- ☐ Open your assignment.
- ☐ Turn on the computer.
- ☐ Complete your assignment.
- ☐ Log in to the computer.

4. Define Algorithm.
5. What is an indefinite loop?
6. Which loop keeps running until you stop the program? Circle one: Repeat / Forever.
7. Write a simple algorithm for brushing your teeth. List the steps in order.
8. Look at the code. How many steps will the sprite move altogether? Show your working.

Working:



Answer:

9. Write the purpose of each Scratch block.

Block	Purpose
forever	
repeat until (condition)	
repeat	