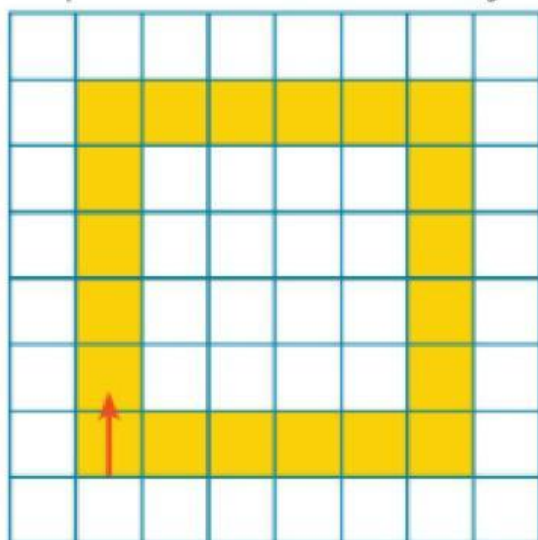


Practise

- 1 State whether the following statements are true or false:
 - a A count-controlled loop is when instructions are repeated an unknown number of times.
 - b The number of times a loop is executed is called a counter.
 - c A counter can keep track of the number of iterations in an algorithm.
 - d A loop cannot be repeated.
- 2 Jack writes the instructions to walk in a square as shown below. Help Jack shorten his code by reducing the number of instructions.



Algorithm name: Square

Step Instruction

- | | |
|----|-----------------------|
| 1 | Start |
| 2 | Move forward 5 blocks |
| 3 | Turn right |
| 4 | Move forward 5 blocks |
| 5 | Turn right |
| 6 | Move forward 5 blocks |
| 7 | Turn right |
| 8 | Move forward 5 blocks |
| 9 | Turn right |
| 10 | Stop |

Algorithm name: Square (NEW)

Step Instruction

- | | |
|---|--|
| 1 | |
| 2 | |
| 3 | |
| 4 | |
| 5 | |