

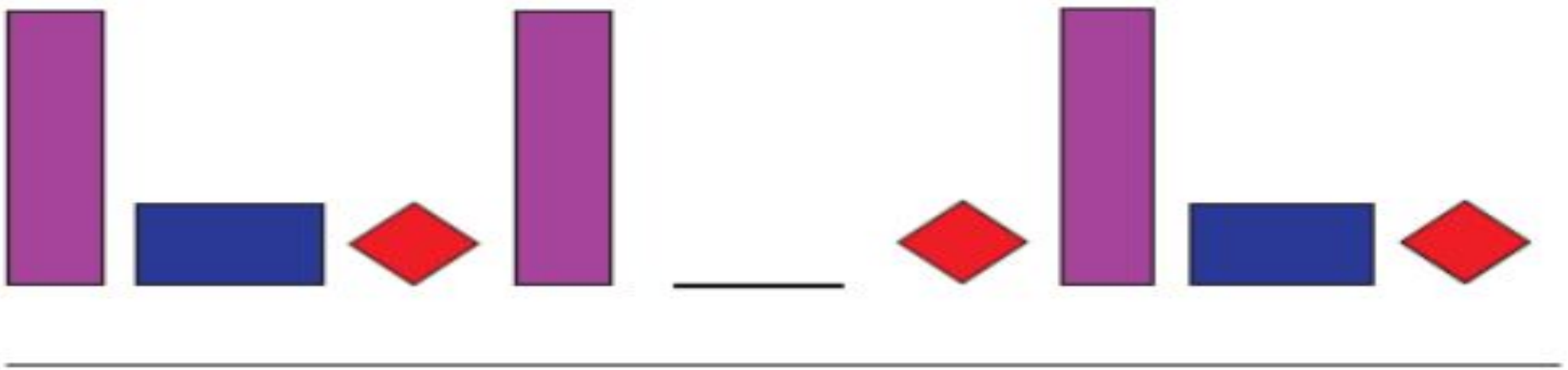
Mathematics

To recognise and describe repeating patterns

Miss Charlton



Independent task



Independent task

Describe the pattern and draw the missing shape.

How do you know what the missing shape is?

What is the same about each pattern?

What is different?



Answers



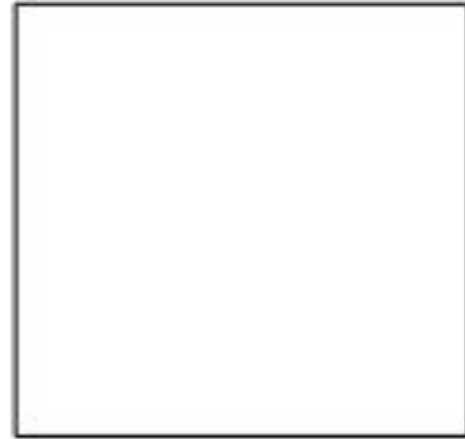
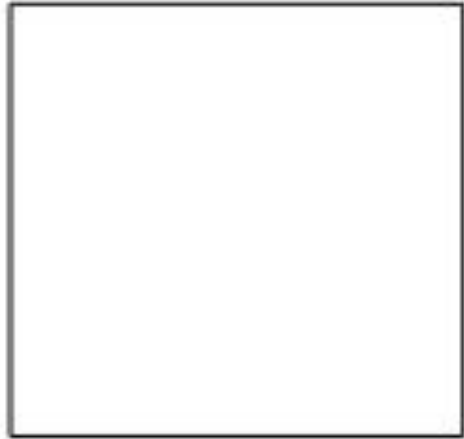
Mathematics

To use the language of position

Miss Charlton



Independent task



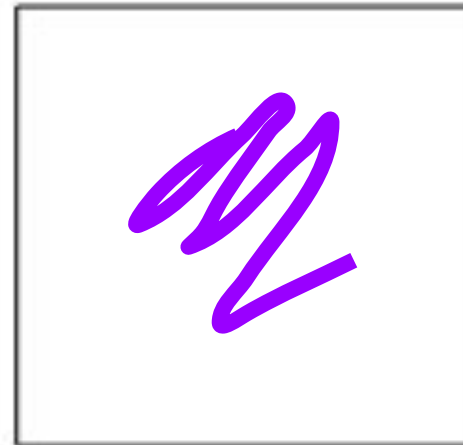
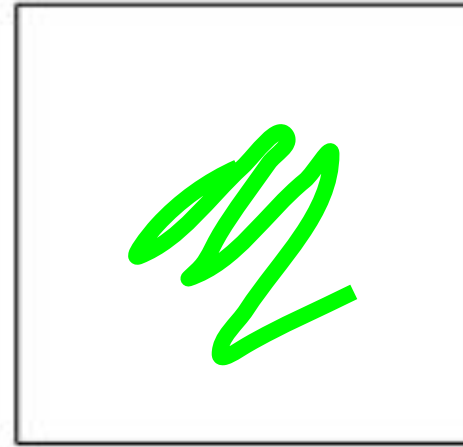
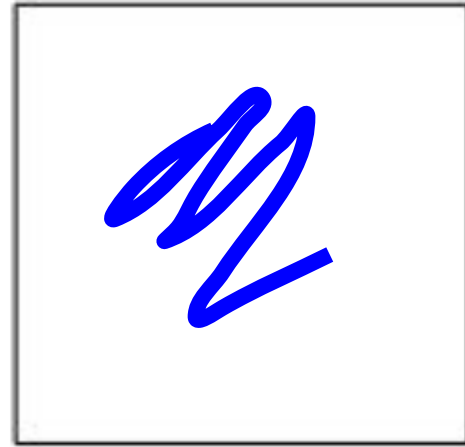
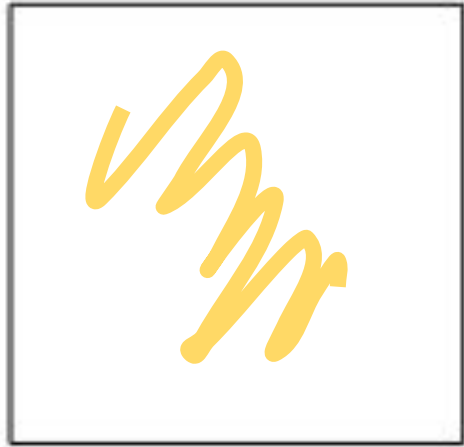
Blue is between
yellow and
green.

Orange is below
yellow.

Purple is to the
right of both **red**
and **orange**.



Answers



Blue is between
yellow and
green.

Orange is below
yellow.

Purple is to the
right of both **red**
and **orange**.



Mathematics

**To use the language of
position, direction and
movement (1)**

Miss Charlton



Independent task

forward



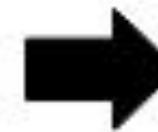
backward



turn left



turn right



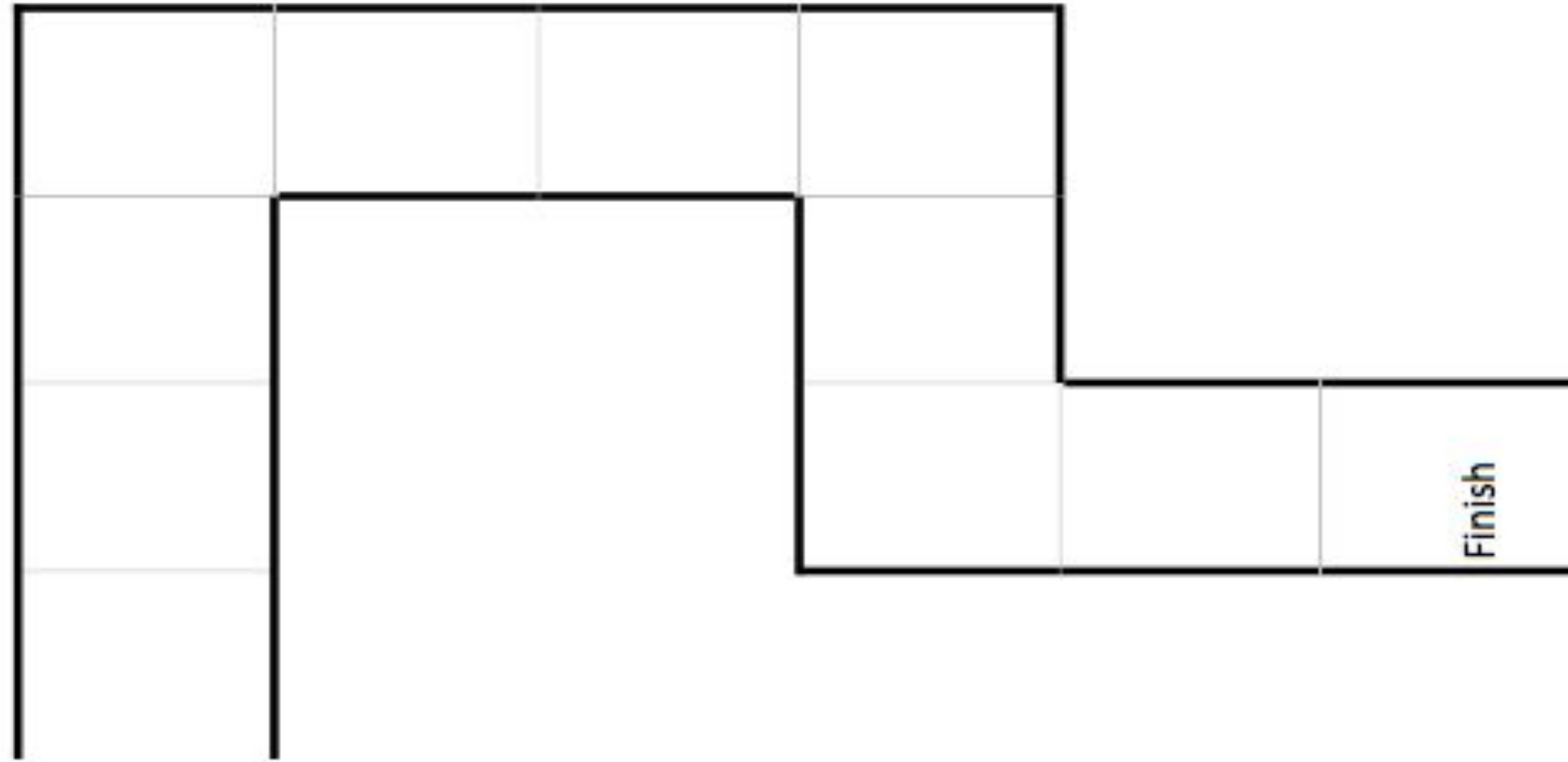
Mathematics

To use the language of position, direction and movement (2)

Miss Charlton



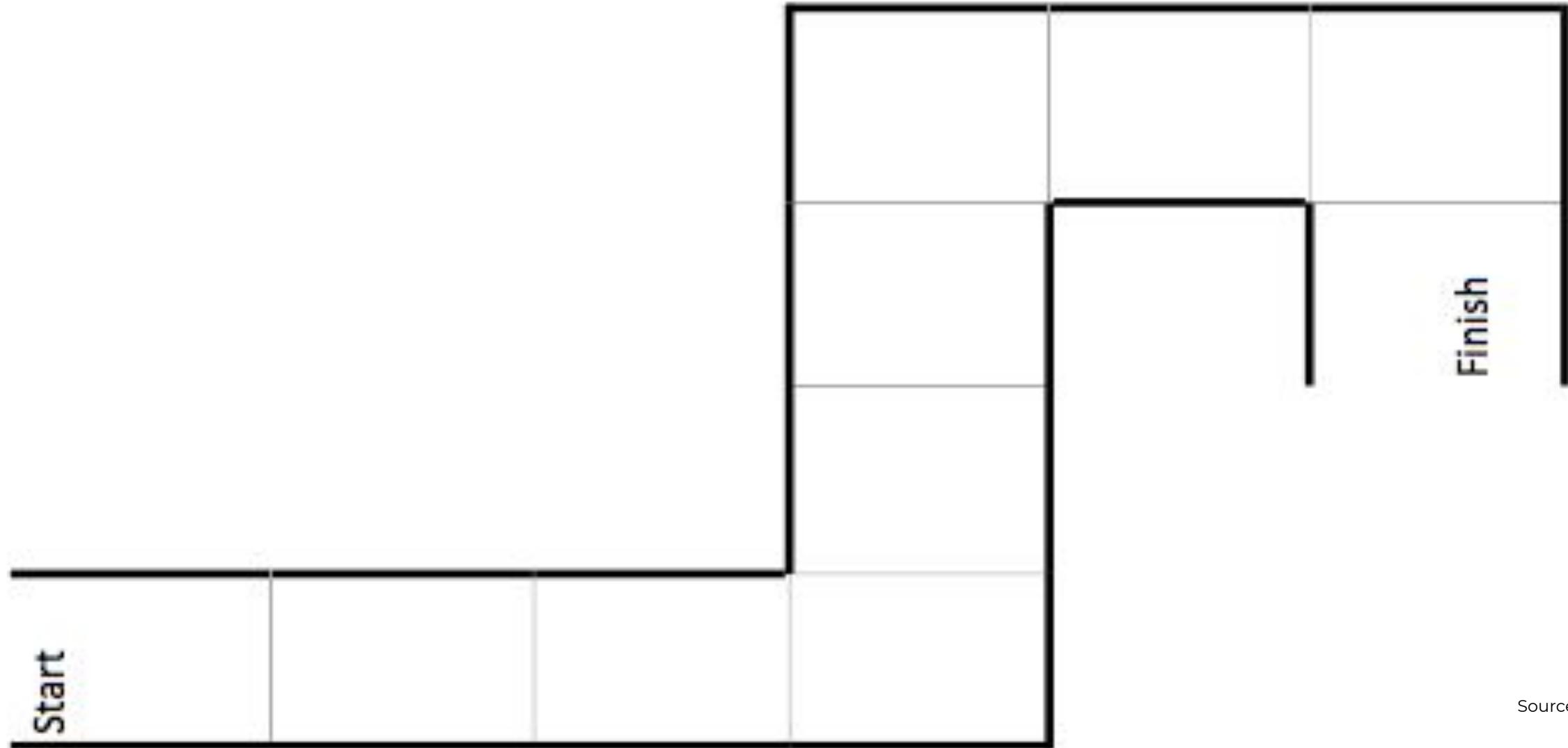
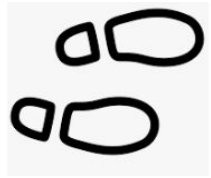
Independent task 1



Source: Wikimedia Commons



Independent task 2



Source: Wikimedia Commons



Independent task 1: Answers

Go forward 4 squares

Turn a quarter right

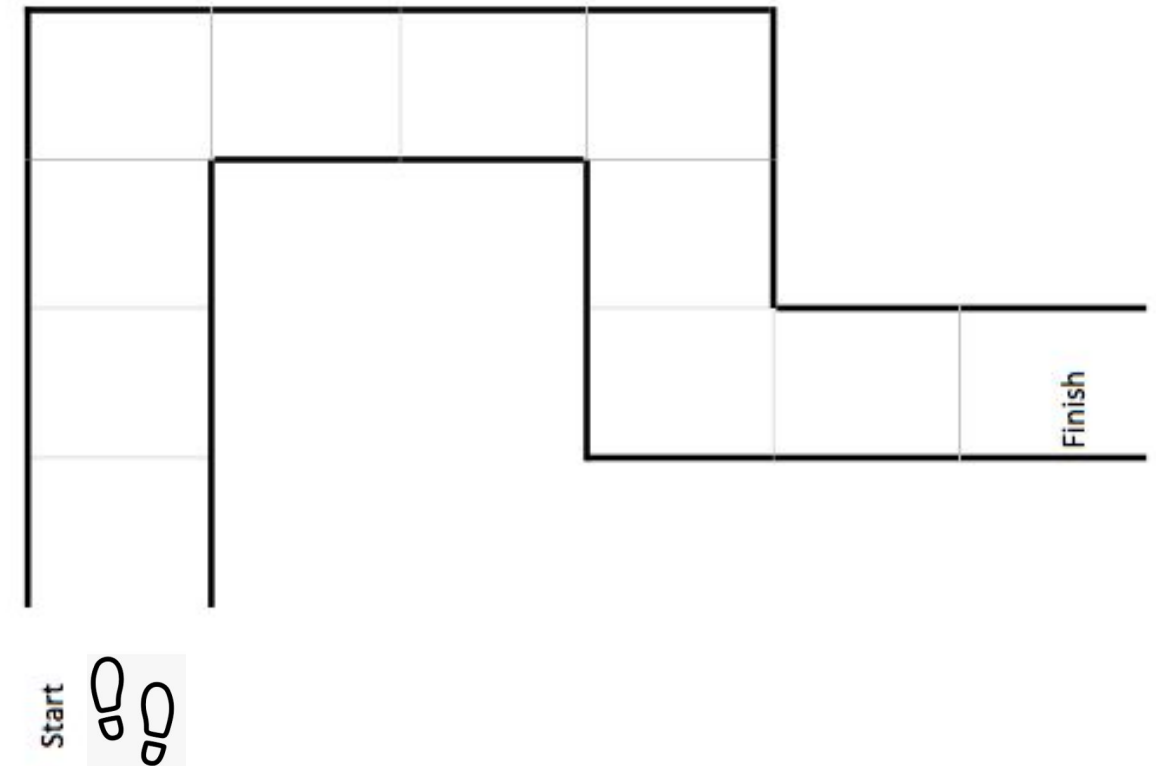
Go forward 3 squares

Turn a quarter right

Go forward 2 squares

Turn a quarter left

Go forward 2 squares



Source: Wikimedia Commons



Independent task 2: Answers

Go forward 4 squares

Turn a quarter left

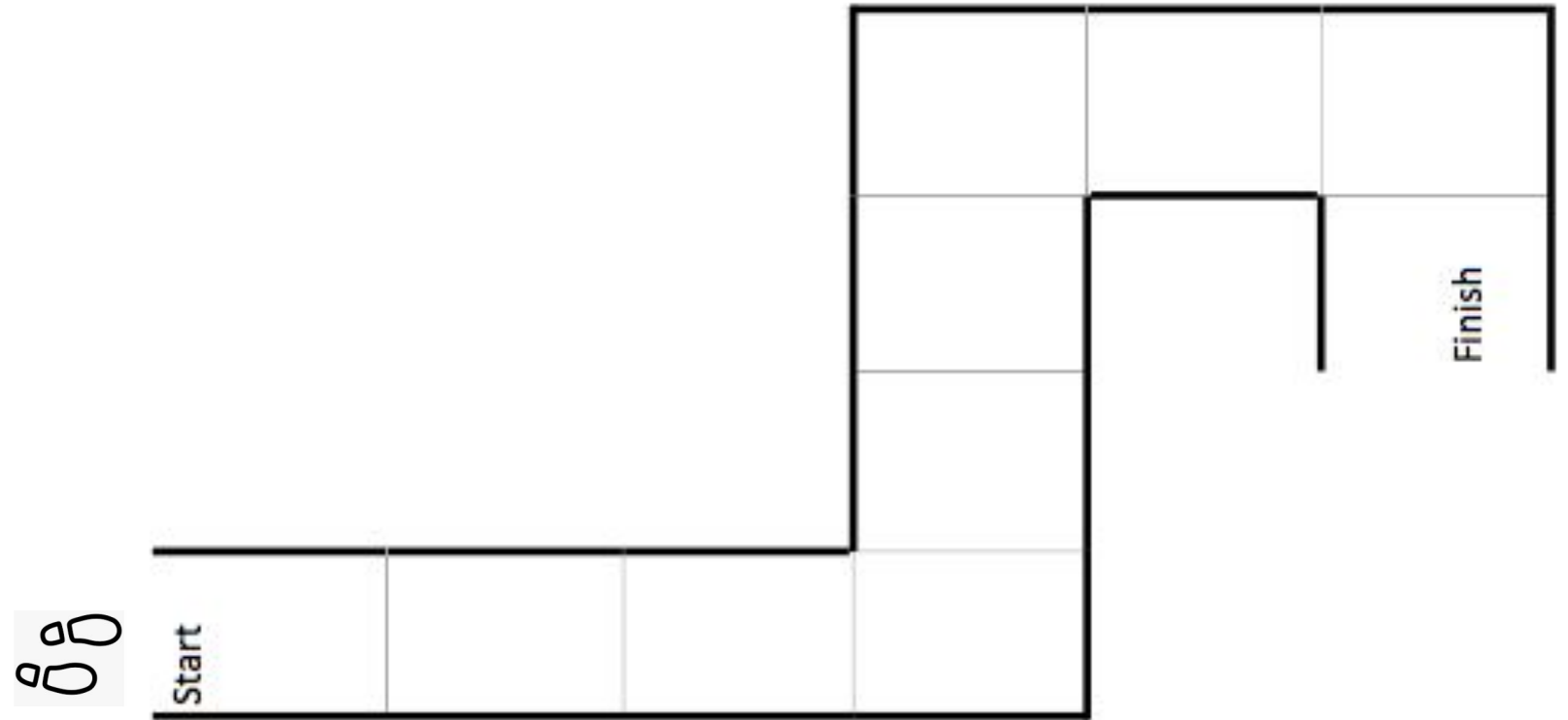
Go forward 3 squares

Turn a quarter right

Go forward 2 squares

Turn a quarter right

Go forward 1 square



Source: Wikimedia Commons



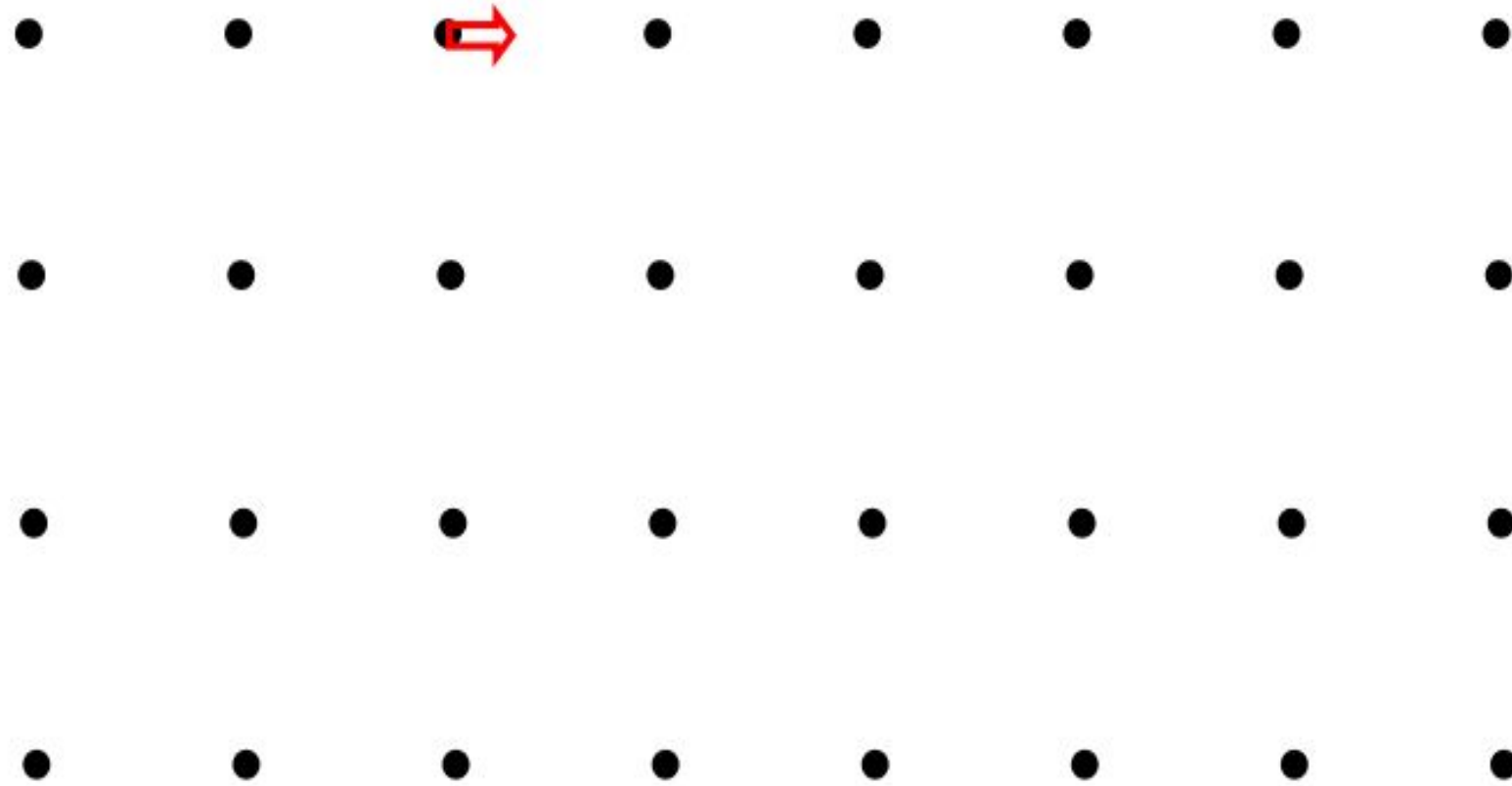
Mathematics

To consolidate our learning

Miss Charlton



Independent task 1



Forward 2

Quarter turn right

Forward 2

Quarter turn right

Forward 2

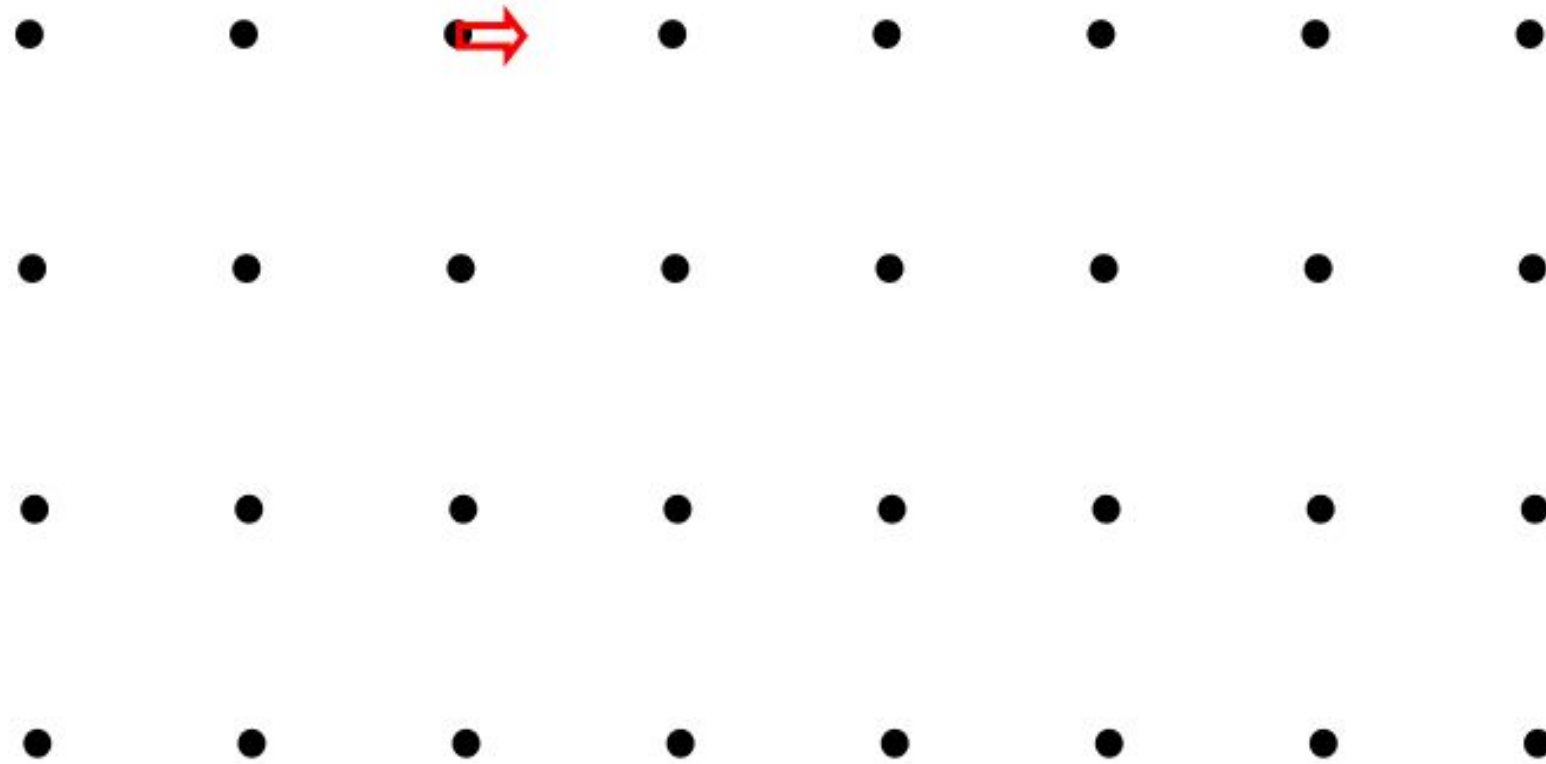
Quarter turn right

Forward 2

Now describe the properties of that shape you have created.



Independent task 2



Forward 3

Quarter turn right

Forward 2

Quarter turn right

Forward 3

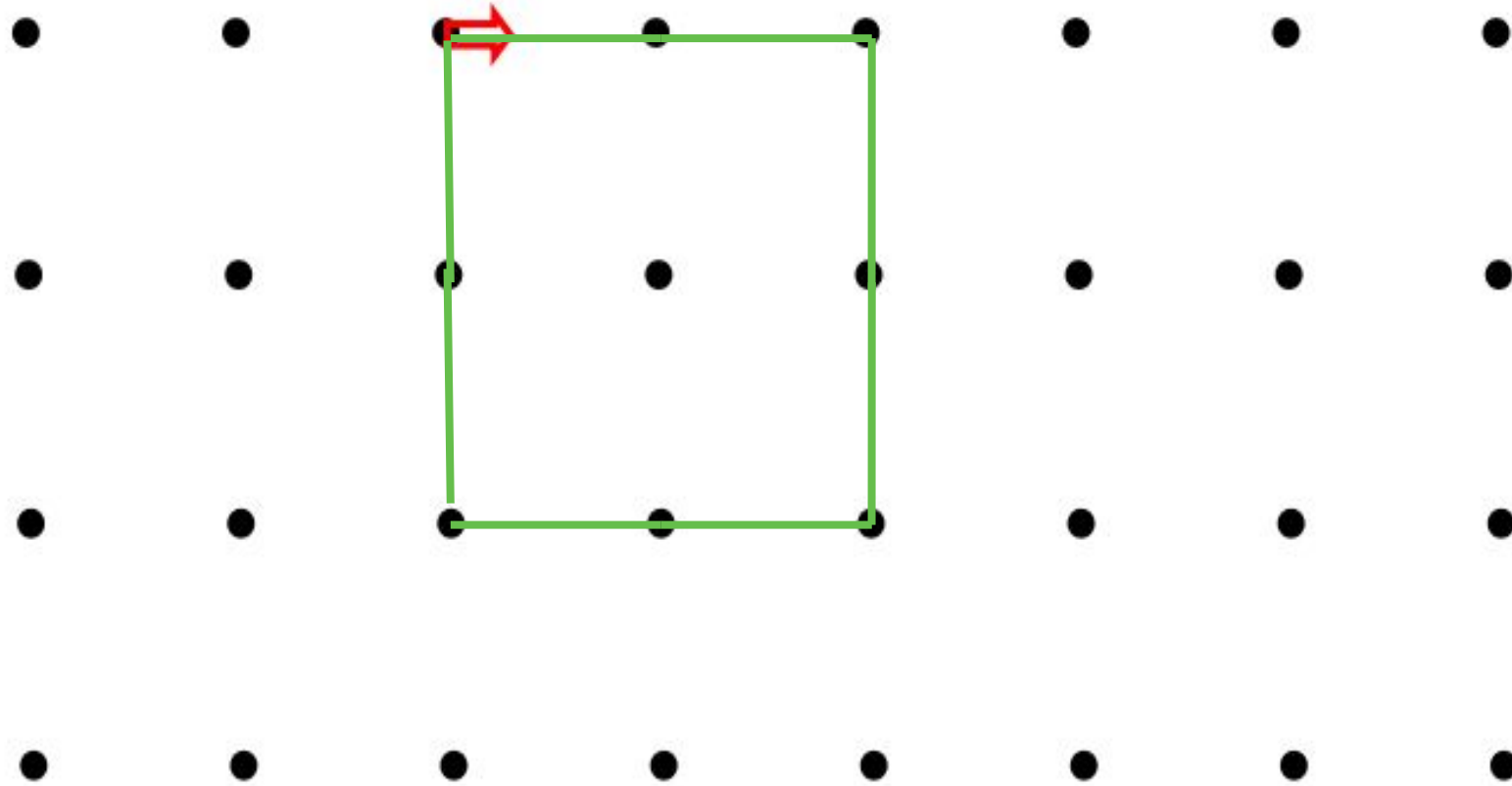
Quarter turn right

Forward 2

Now describe the properties of that shape.



Answers 1

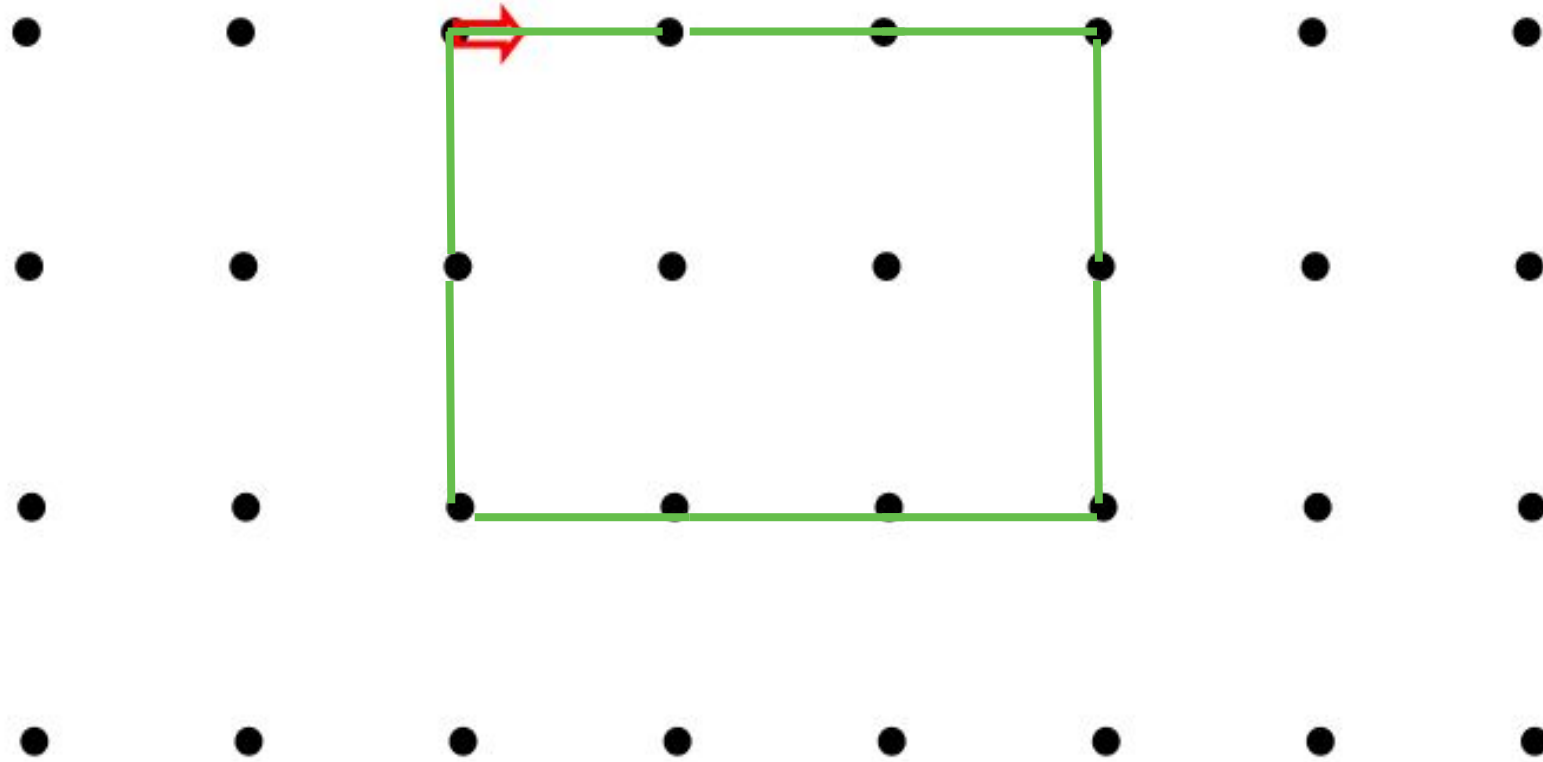


A square!

- four lines
- lines are equal length
- lines are straight
- four vertices
- special kind of rectangle



Answers 2



A rectangle!

- four lines
- two lines are longer than the other two
- lines are straight
- four vertices

