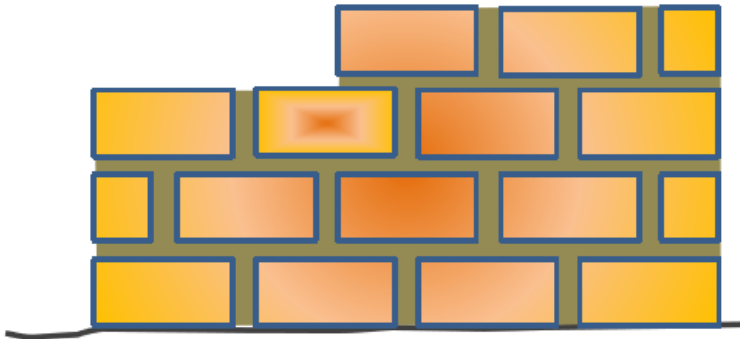


SuperM's Wall Challenge

SuperM is building a wall in his back garden.

He has **400 bricks** to build this wall.



On the first day he manages to lay **120 bricks**.

Each day SuperM becomes more and more tired and so he lays **20 fewer bricks than the day before**.

Days	Bricks	Total Bricks
Day 1	120	120
Day 2	$120 - 20 = 100$	220
Day 3	$100 - 20 = 80$	300
Day 4	$80 - 20 = 60$	360
Day 5	$60 - 20 = 40$	400

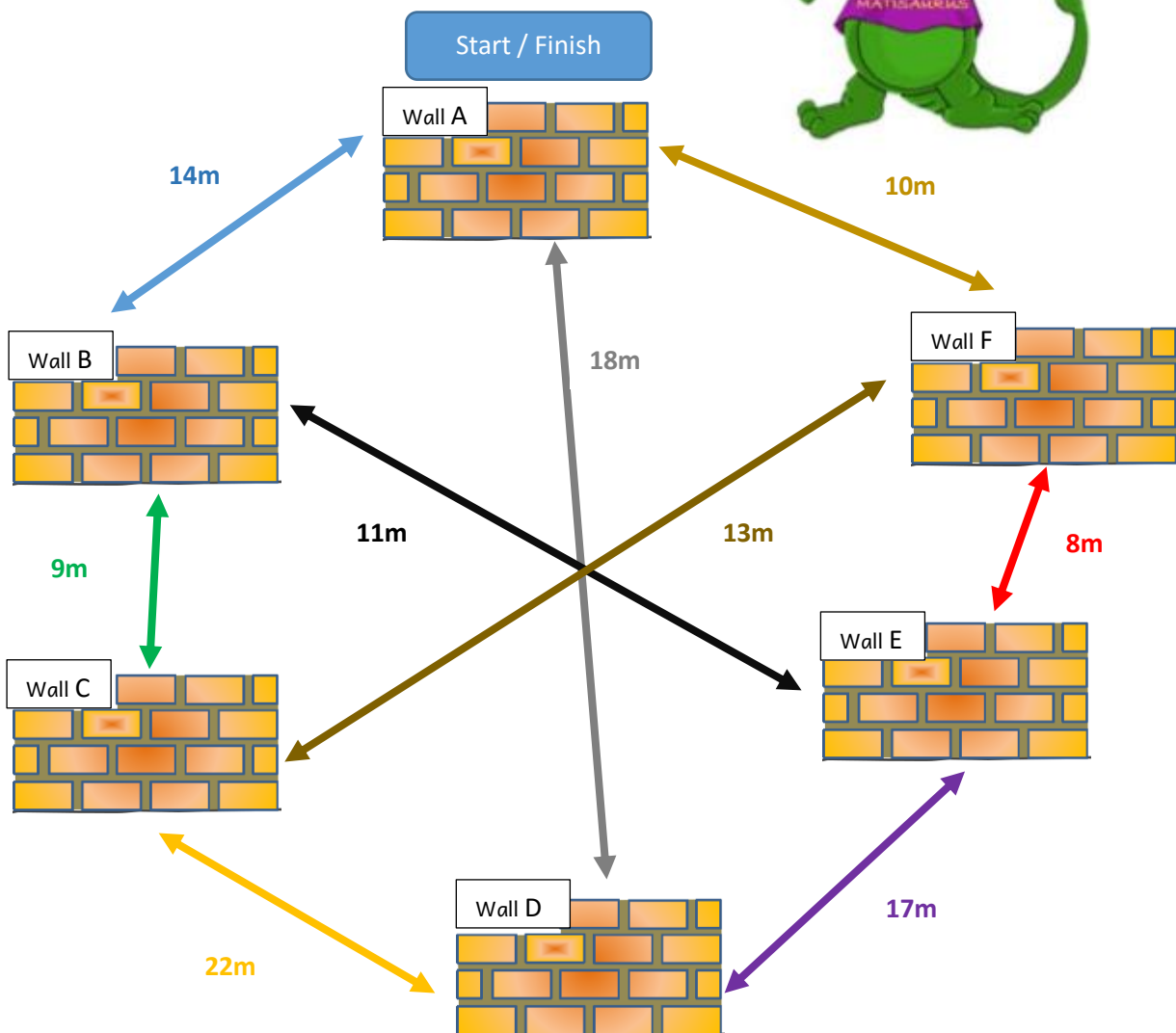
SuperM needs **5 days** to build the whole wall

SuperM decides to do some physical exercise by running from one wall to the other and touching **each** wall.

SuperM drew different routes.

The routes are of different lengths.

SuperM **starts and finishes at Wall A.**



After a hard day at work SuperM decides to do the shortest route.

Which is the **shortest route from wall A and back to start?**

The shortest route is:

$A \rightarrow F \rightarrow C \rightarrow B \rightarrow E \rightarrow D \rightarrow A$

OR

$A \rightarrow D \rightarrow E \rightarrow B \rightarrow C \rightarrow F \rightarrow A$

Which is the same route backwards.

It has a distance of 78m.