

Matt runs every day. He runs around the park.



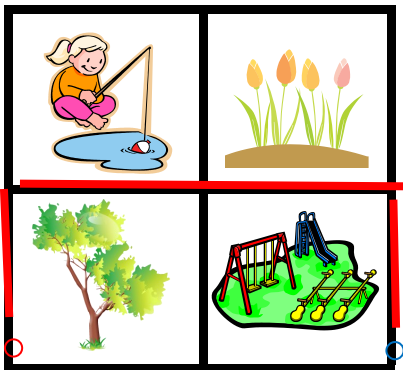
Matt runs in a park that has paths that go **straight across** and **straight up**

Every day he starts his run from here



He finishes his run here

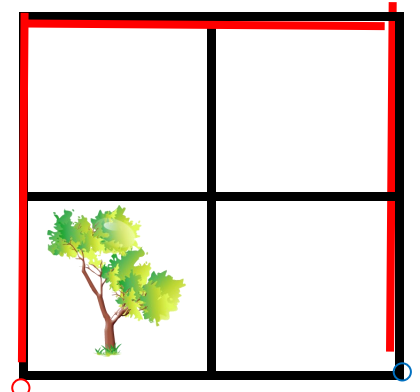
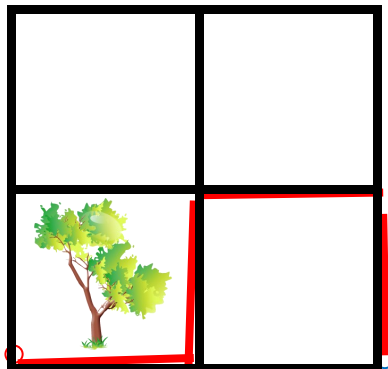
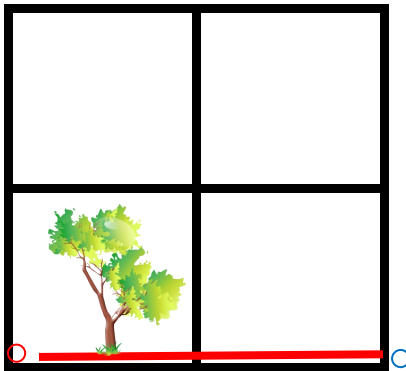
This is one of the ways he runs.



How many paths (blocks) does he run?

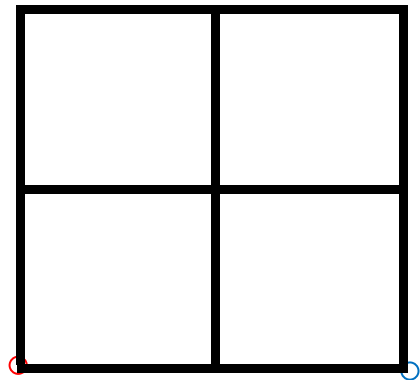
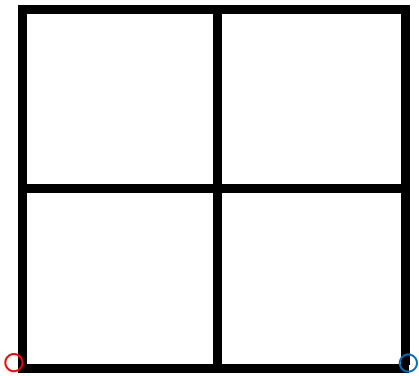
Matt has to run **different ways** each day.

How many blocks in these runs?



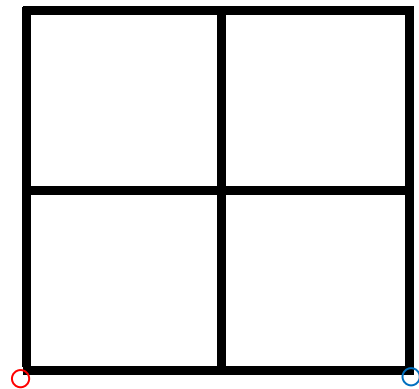
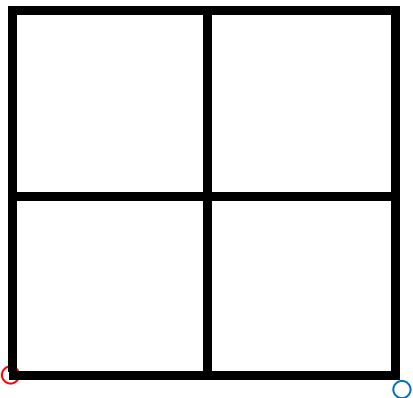
Show 2 different walks from  to 

Each walk must be 6 blocks long.



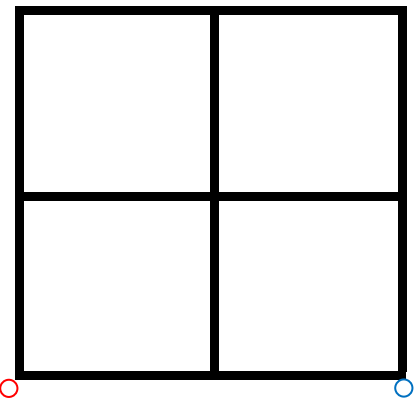
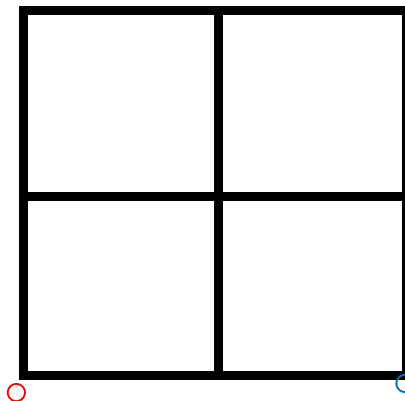
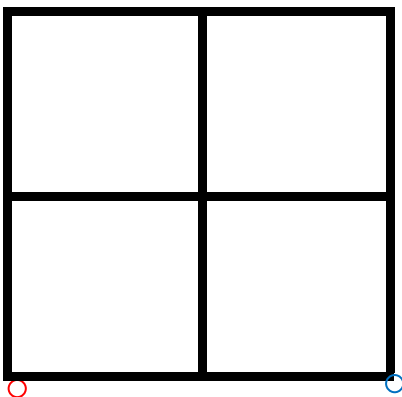
Show 2 different runs from  to 

Each walk must be 8 blocks



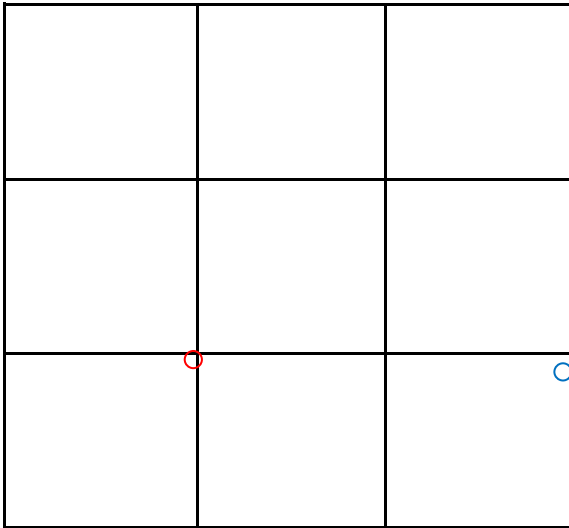
Show a 10 block run

Show a 1 block run and a 3 block run

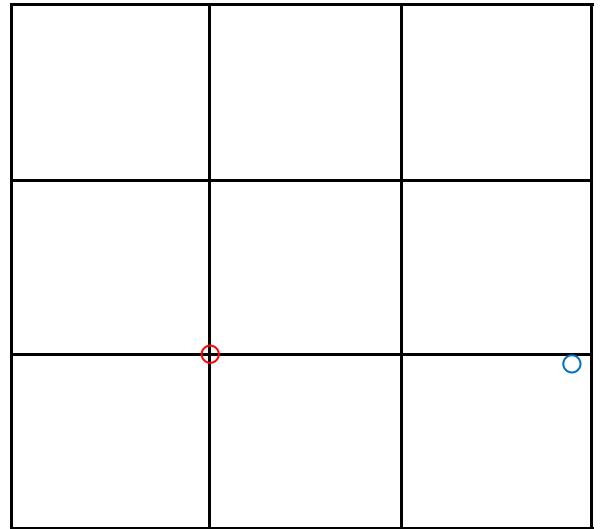


What do you notice?

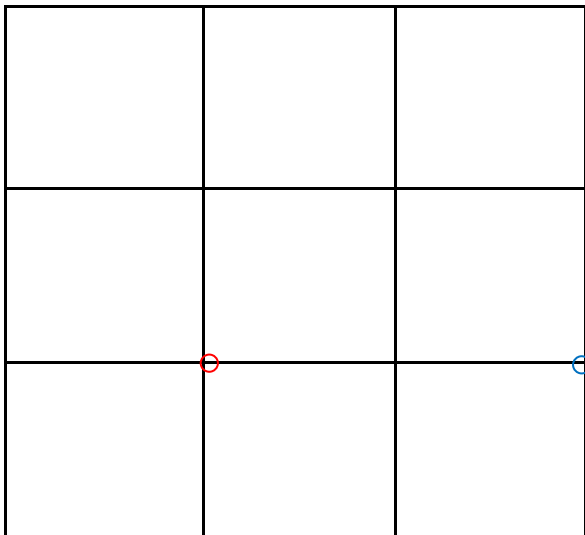
Try these walks



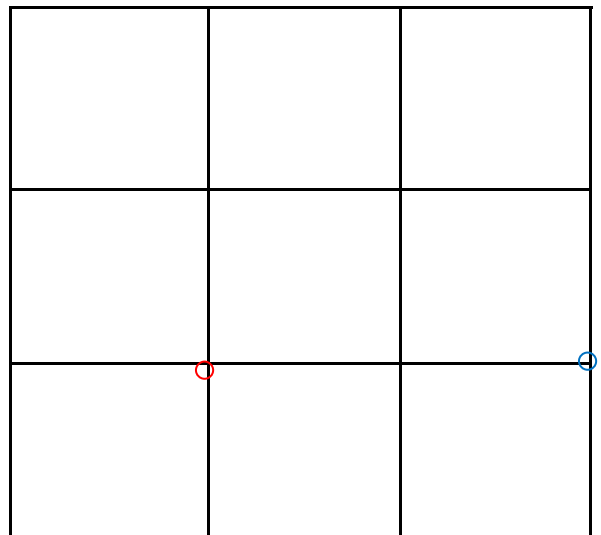
3 block



5 block



7 block



9 block

What do you notice. Think about what you know...

Block walk	Could Meg do it?
4	
8	
6	
10	

Block walk	Could Meg do it?
3	
5	
7	
9	

Could Meg do a 11 block walk? _____
Why?