

# It's About Time (Part 1)

Name \_\_\_\_\_

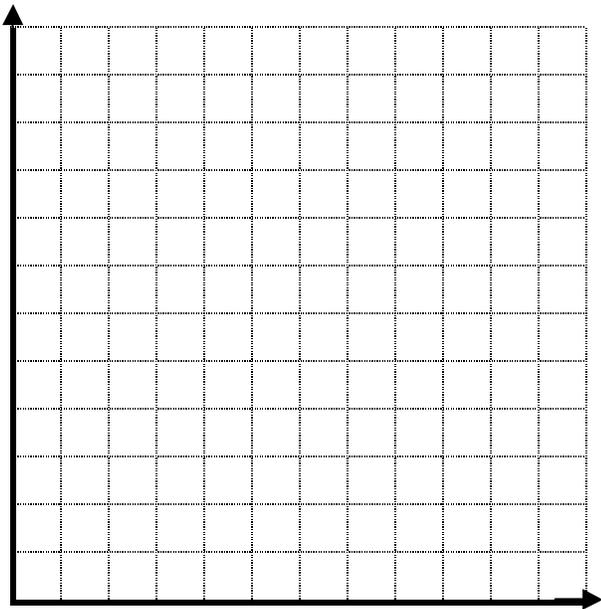
In this activity, you will look at how a robot behaves as time goes on.

In an attack against the city, Megatron can destroy 4 city blocks every 12 minutes.

Record how many city blocks that Megatron will destroy for different times.

Time	City Blocks
0	
3	
6	
9	
12	4
15	
18	
21	
24	
27	

Plot the points where Megatron will be at each different time. Use the x-axis for time.



Describe what you notice about Megatron's path of destruction.

## It's About Time (Part 2)

Name \_\_\_\_\_

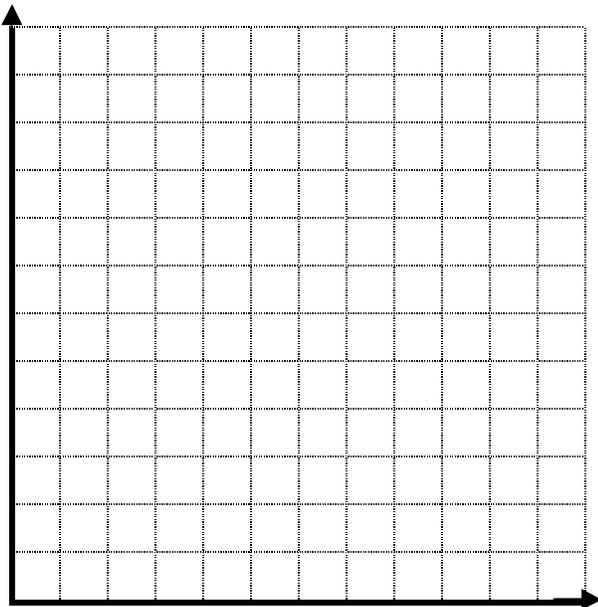
In this activity, you will look at how a second robot behaves as time goes on.

To stop the attack, Optimus Prime must beat the evil robots to the power source. Suppose Optimus Prime can travel 12 city blocks every 4 seconds.

Record how many city blocks that Optimus Prime can travel for different times.

Time	City Blocks
4	12

Plot the points where Optimus Prime will be at each different time. Use the x-axis for time.



Describe what you notice about Optimus Prime's progress to save the city.

