



Name and si	urname	class
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#### **WORKSHEET 1**

### Activity 1.

Draw a graph showing my distance from the wall, taking into account all stages of my movement:

I begin by standing still for a short moment.

Then I walk toward the wall at a steady, moderate pace, and after reaching a point near the wall, I walk away from it at the same pace.

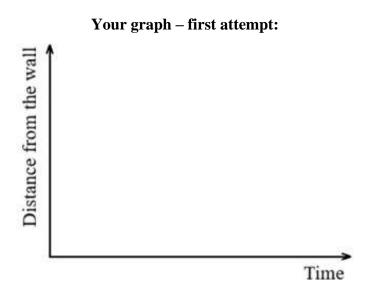
Again, I stop and stand still for a moment.

Next, I walk toward the wall at a steady, fast pace, and then walk away from the wall at the same fast pace.

I pause and stand still again.

Finally, I walk toward the wall at a steady, slow pace, and then walk away from it at the same slow pace.

At the end, **I stand still** for a moment once more.



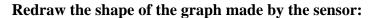


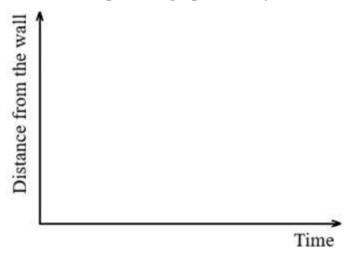
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### **Graph analysis:**

Mark the successive stages of the movements using three different colours:

- we are standing, so the distance from the wall is the same,
- the distance from the wall is decreasing,
- the distance from the wall is increasing.





## Activity 2. Slowly – quickly TOWARDS the wall.

Two people walk TOWARDS the wall at the same pace, but one slowly and the other quickly. Draw what the graphs will look like.

Use two different colours to draw both graphs.

Person 1 walks towards the wall slowly – line named s Person 2 walks towards the wall quickly – line named q



In your own words, explain how you can tell from the graph when the
movement towards the wall was slow and when it was quick.



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# Activity 3.

The graph shows what the other movement looked like:



How many parts does the graph consist of? .........

Next to each line, write a number that indicates the next part of the movement.

### Describe this movement.

First, write down the number representing	the part of the movement you made
and then describe it using the glossary belo	w:
GLOSSARY	
the distance does not change	the distance is increasing
I am walking towards the wall	the distance is decreasing
I am moving away from the wall	I am not moving
I am walking slowly	I am walking parallel to the wall
I am walking quickly	



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