

Walking Graphs



This material is provided by the <u>FunThink team</u>, responsible institution: Ludwigsburg University of Education

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Walking graphs







https://www.geogebra.org/m/rxtznqvc











"The language of graphs"





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How do these graphs differ? Argue with the help of movements and the shape of the graphs.





Which graph matches the described movement?

I start moving at some distance from the sensor. I first move away from the sensor and slow down. Then, I move first slowly and then faster and faster towards the sensor. At some distance from the sensor, I slow down again and almost stop. I move slowly away from the sensor again and become faster and faster.





Which graph cannot be walked?



Comment on the following statement:



"With this graph, you move in a zigzag away from the sensor. Just the way the graph looks..."

