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## Walking graphs

Forscherauftrag 2 (Graph 1)
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https://www.geogebra.org/m/rxtznqvc


This is you.
Your graph is being recorded starting at time=0


## "The language of graphs"

Enhancing functional thinking
from primary to upper secondary schood

"The language of graphs"
funthink,
Enhancing functional thinking
from primary to upper secondary school


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.

(1)

(2)

(3)

## Which graph cannot be walked?


(1)

(2)

(3)

Comment on the following statement:
"With this graph, you move in a zigzag away from the sensor. Just the way the graph looks..."


