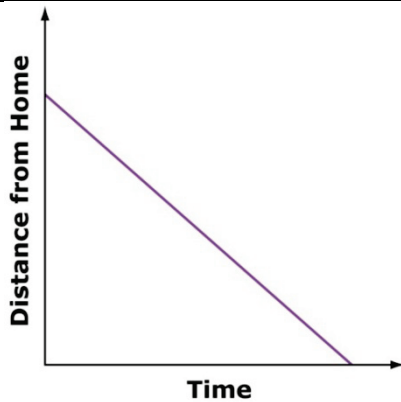


## MAT.08.CR.1.0000F.F.090 C1 TF

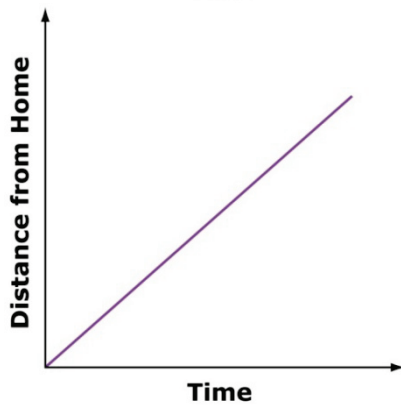
Sample Item ID:	MAT.08.CR.1.0000F.F.090
Grade:	08
Primary Claim:	<b>Claim 1: Concepts and Procedures</b> Students can explain and apply mathematical concepts and carry out mathematical procedures with precision and fluency.
Secondary Claim(s):	Claim 2: Problem Solving Students can solve a range of complex well-posed problems in pure and applied mathematics, making productive use of knowledge and problem solving strategies.
Primary Content Domain:	Functions
Secondary Content Domain(s):	
Assessment Target(s):	1 F: Use functions to model relationships between quantities.  2 C: Interpret results in the context of a situation.  2 A: Apply mathematics to solve well-posed problems arising in everyday life, society, and the workplace.  2 D: Identify important quantities in a practical situation and map their relationships (e.g., using diagrams, two-way tables, graphs, flowcharts, or formulas).
Standard(s):	8.F.5
Mathematical Practice(s):	1, 2, 4, 5, 6, 7, 8
DOK:	2
Item Type:	CR
Score Points:	1
Difficulty:	M
Key:	D, B, C, A
Stimulus/Source:	
Target-specific attributes (e.g., accessibility issues):	
Notes:	All four graphs must be correctly matched to its corresponding description. Response boxes only accept single alpha characters A, B, C, or D as entries.

Each day, Maria walks from home to school and then from school to home. The graphs that follow show the distance that Maria is from home at different times during the walk.

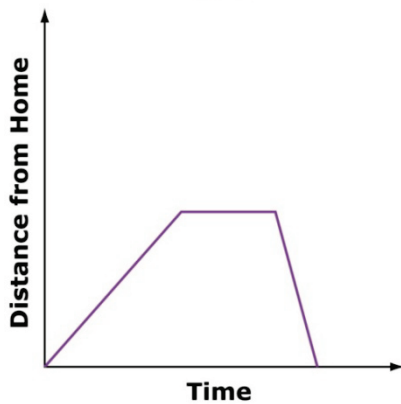
Match the graphs to the descriptions of Maria's walk shown to the right of the graphs. Next to each graph, enter the letter (A, B, C, D) of the description that best matches the graph.



- A.** Maria walks from school to her friend's house. She visits her friend for a while. Then she walks the rest of the way home.



- B.** Maria walks from home to school at a constant rate.



- C.** Maria starts to walk from home to school. She stops to see whether she has her homework. She realizes she forgot her homework and runs back home to get it.



- D.** Maria walks from school to home at a constant rate.