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LESSON 23: Graphing and Interpreting Functions Modeling Real World Situations



Directions: Complete the following SOLVE problem with your teacher. You will only complete the S step.









Directions: Complete this page with your partner.





Directions: Complete this page with your teacher and partner.

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Directions: Complete this page with your partner.

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Mathematics Success – Grade 8

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Directions: Complete the following SOLVE problem with your teacher.

Josh has a graph that showed where he spent his day yesterday. The graph shows how far he was from home during his regular school day. He only went to school and then to a movie later in the evening. Using the graph, explain what is happening in each interval. Be sure to justify your answer.	
	Distance from
S	Underline the question. This problem is asking me to find
0	Identify the facts. Eliminate the unnecessary facts. List the necessary facts.
L	Write in words what your plan of action will be.
	Choose an operation or operations.
V	Estimate your answer. Carry out your plan.
Е	Does your answer make sense? (Compare your answer to the question.)
	Is your answer reasonable? (Compare your answer to the estimate.) Is your answer accurate? (Check your work.) Write your answer in a complete sentence.

Directions: For Scenario 1, sketch the graph for the steps provided. For Scenario 2, write the steps for the graph provided.



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