

Hot Syncs 1/23

# Welcome To 8th grade Physical Science!

Mrs. Winters

## Materials Needed

### Today

Please take these materials out of your backpack.

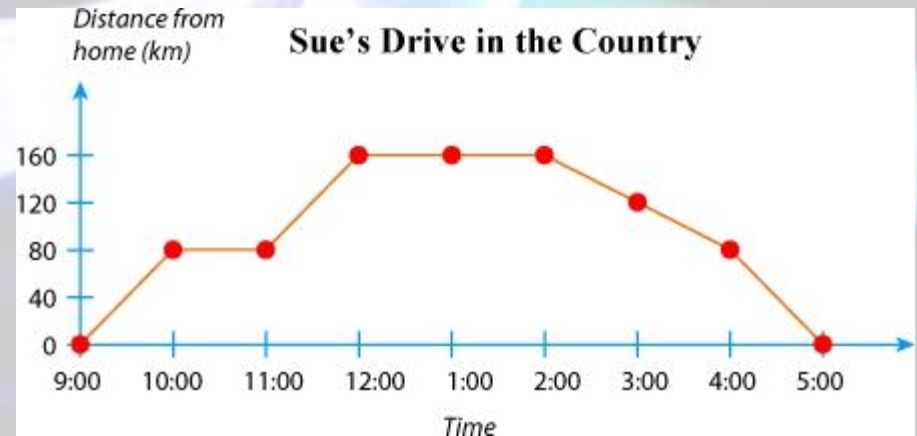
- Pencil
- Colored Folder
- Colored Pencils?...

## Hot Sync

Monday 1/23/17

Answer the following questions in **complete sentences** on the hot sync worksheet.

1) Using words, describe what this graph is saying:



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## Hot Sync

Tuesday 1/24/17

Answer the following questions in **complete sentences** on the hot sync worksheet.

1) Acceleration is the rate of change of \_\_\_\_.

A velocity

B speed

C time

D direction

2) A car stopping at a red light is an example of a(n) \_\_\_\_.

A displacement

B acceleration

C direction

D velocity

3) It takes a runner 42.1 s to run a distance of 150 m. What is the runner's average speed? (Show your work!!!)

A 0.28 m/s

B 3.56 m/s

C 1.75 m/s

D 6.31 m/s

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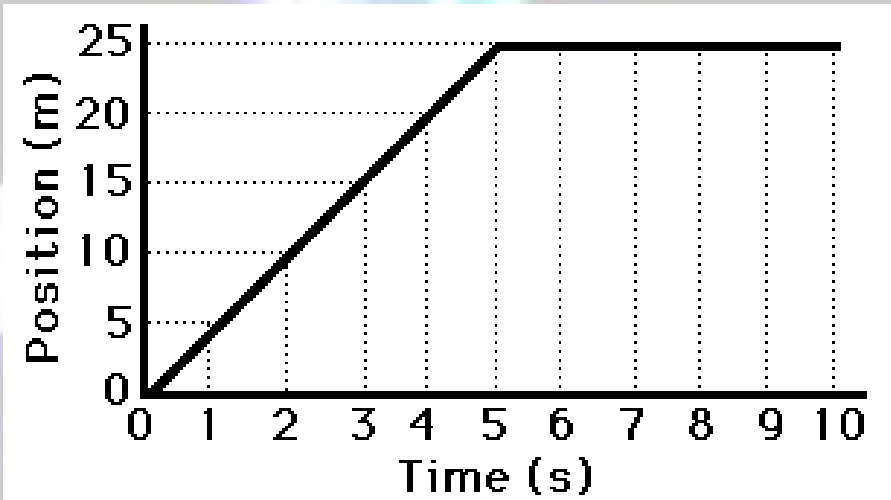
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## Hot Sync

Thursday 1/26/17

Answer the following questions in **complete sentences** on the hot sync worksheet.

1) Make up a story for this graph....what is happening?



2) Calculate the speed from 0-5 seconds.