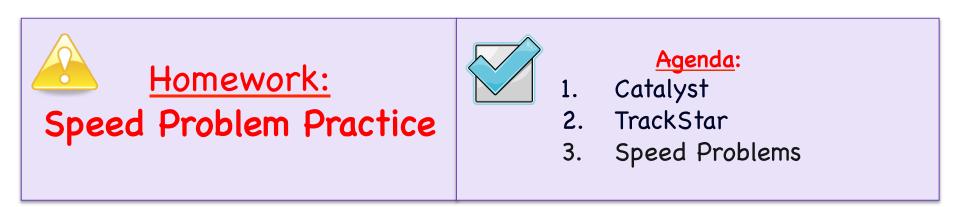
Friday, February 15, 2019

- Your Learning Goal: Students will review major speed concepts with a digital web quest. They will be able to answer speed problems wit 90% accuracy.
- Table of Contents:
- Speed It Up Trackstar- 33L + R
- <u>Catalyst (33L)</u>: The trash can is to the left of the light post. There is also a fence behind the light post. What is the reference point in that scenario and how do you know?



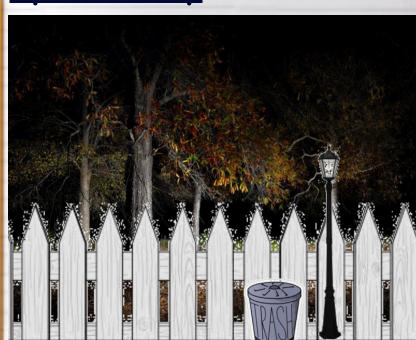
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The trash can is to the left of the light post. There is also a fence behind the light post. What is the reference point in that scenario and how do you know?

The _____ is the reference point in this example. I know that ______ is the reference point because... Speed It Up

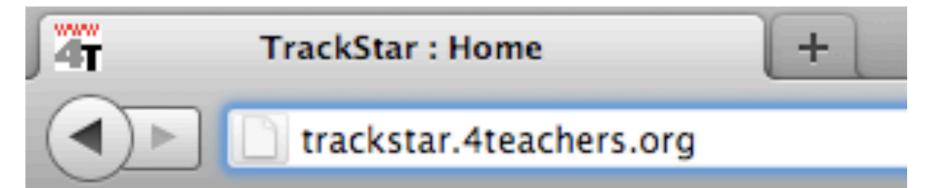




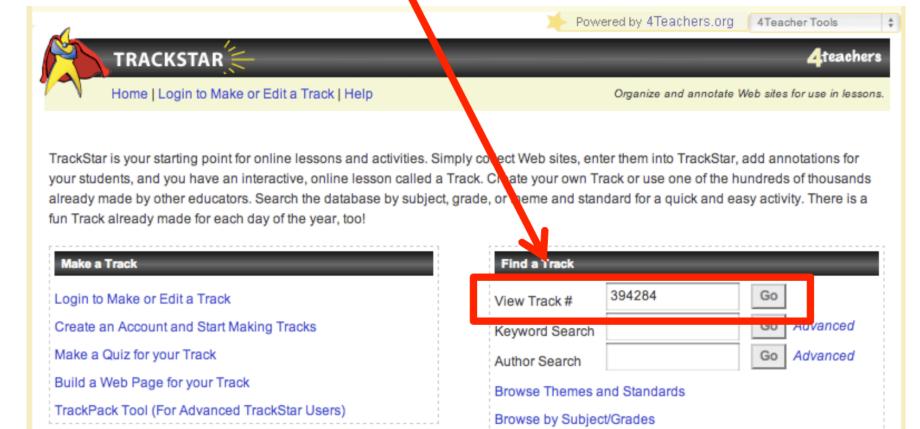


2/14/19

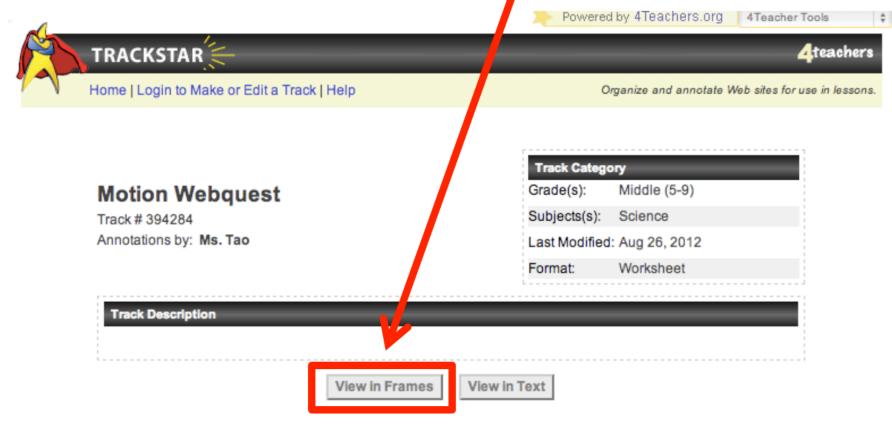
- Open up a web browser (Firefox, Safari, or Google Chrome)
- Type in trackstar.4teachers.org (NO www)



Find "View Track #." Type in "394284" and click "Go."



Click "View in Frames."



Choosing Frames View or Text View

TRACKSTAR

Motion Webquest Annotation by Ms. Tao

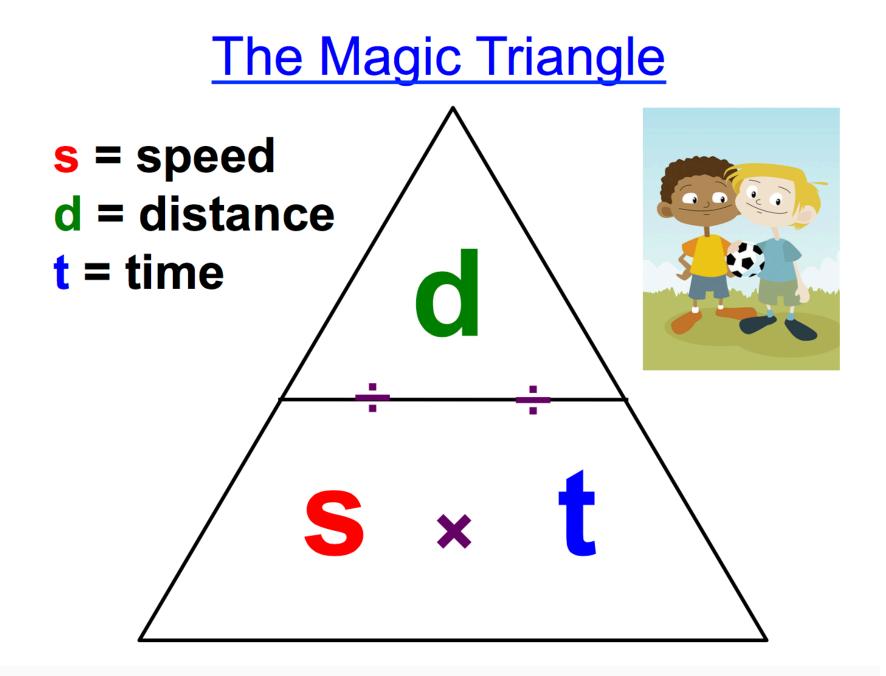
Reference Point

Sites for Track #394284

- 1. Reference Point
- 2. What is speed?
- 3. How fast is fast?
- 4. A Day at the Races
- 5. Speed Review
 - Track Description E-mail this Track

 $\label{eq:stellarge} Site \ Location: \ http://www.classzone.com/books/ml_science_share/vis_sim/mfm05_pg7_relmotion/mfm05_pg7_relmotion.html \\$





Imagine that a car traveled 100 meters in 5 seconds. What is

the average speed of the car? Be sure to show all the steps!

Step 1:	Write down the equation.	
Step 2:	Write down what you know.	
Step 3:	Plug in your numbers.	
Step 4:	Do the math.	
Step 5:	Box your answer.	

Imagine that a car traveled 100 meters in 5 seconds. What is

the average speed of the car? Be sure to show all the steps!

Step 1:	Write down the equation.	speed = <u>distance</u> time
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Imagine that a car traveled 100 meters in 5 seconds. What is

the <u>average speed</u> of the car? Be sure to show all the steps!

Step 1:	Write down the equation.	speed = <u>distance</u> time
Step 2:	Write down what you know.	distance = 100 m time = 5 sec
Step 3:	Plug in your numbers.	
Step 4:	Do the math.	
Step 5:	Box your answer.	

Imagine that a car traveled 100 <u>meters</u> in 5 <u>seconds</u>. What is

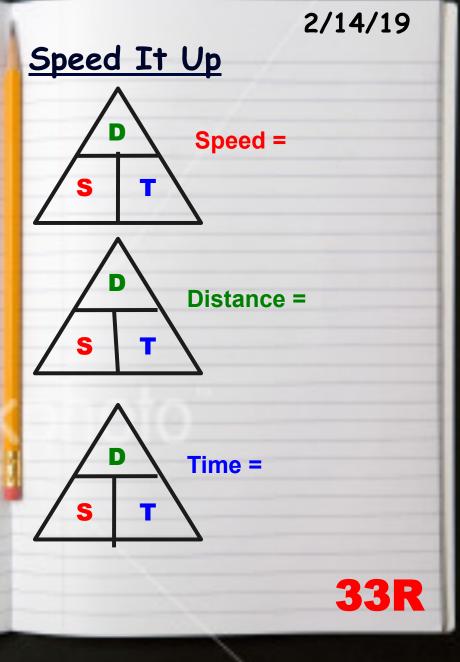
the <u>average speed</u> of the car? Be sure to show all the steps!

Step 1:	Write down the equation.	speed = <u>distance</u> time
Step 2:	Write down what you know.	distance = 100 m time = 5 sec
Step 3:	Plug in your numbers.	speed = <u>10⁰ m</u> 5 sec
Step 4:	Do the math.	
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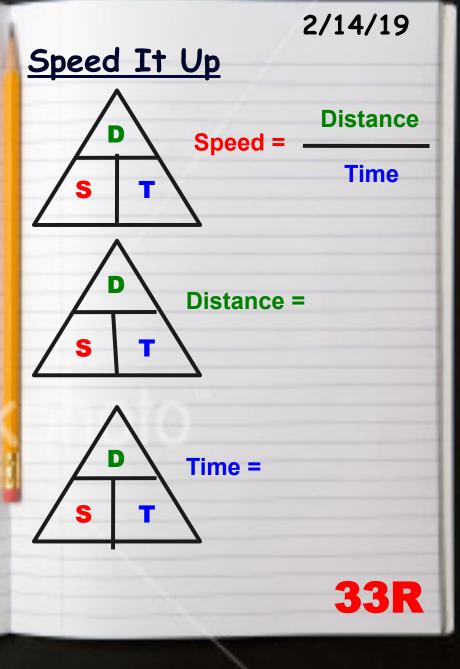
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the <u>average speed</u> of the car? Be sure to show all the steps!

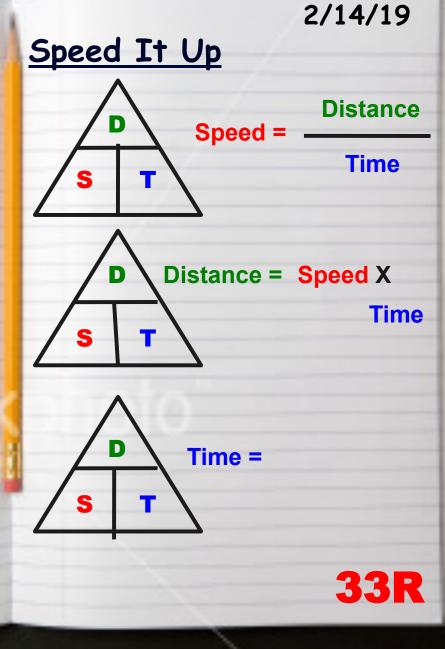
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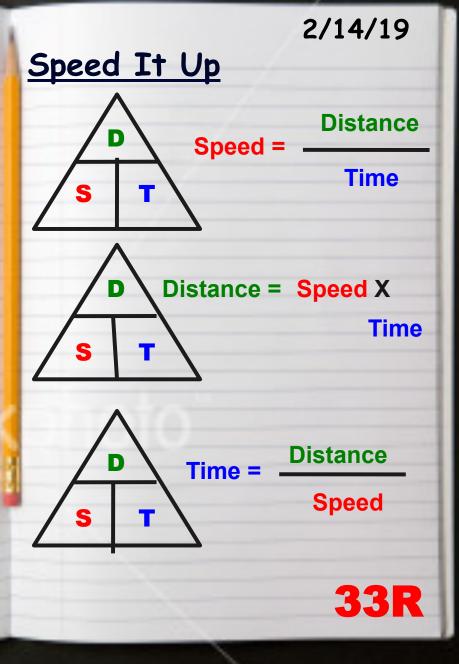








33L



The ______ is the reference point in this example. I know that ______ is the reference point because...

Reflection:

33L

Create your own speed word problem. Have someone at your table solve it in your notebook.

