Friday, January 12, 2018

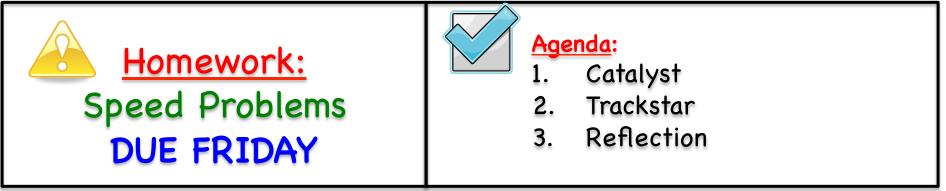
Your Learning Goal:

After students explore several internet websites, they will explain the difference between motion, reference point, and speed with 80% accuracy.

<u>Table of Contents</u>: Speed it Up^{*} – 17R

Catalyst (17L):

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



A		Table of Contents	
	Date	Assignment	Pg #
	1/02/18	How Fast is Fast? *	16R + L
	1/12/18	Speed it Up *	17R + L
			_
			_
R			_

Catalyst:

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

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

Speed it Up

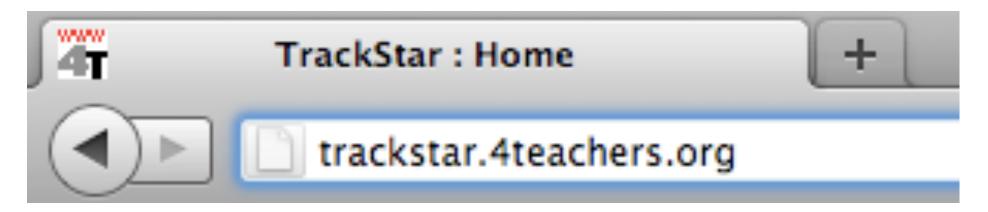
1/12/18

17R





- 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."

	> Powered by	4Teachers.org	4Teacher Tools
TRACKSTAR			4teache
Home Login to Make or Edit a Track Help	Orgai	nize and annotate \	Web sites for use in less
FrackStar is your starting point for online lessons and activities			
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Make a Track Make a Track Login to Make or Edit a Track Create an Account and Start Making Tracks	Find a Yrack View Track # 3942 Keyword Search	84	Go Go Auvanced

Click "View in Frames."

	Powered by 4Teachers.org 4Teacher Tools +
TRACKSTAR	4teachers
Home Login to Make or Edit a Track Help	Organize and annotate Web sites for use in lessons.
Motion Webquest Track # 394284 Annotations by: Ms. Tao	Track CategoryGrade(s):Middle (5-9)Subjects(s):ScienceLast Modified:Aug 26, 2012Format:Worksheet
Track Description	
View in Frames	in Text

Choosing Frames View or Text View

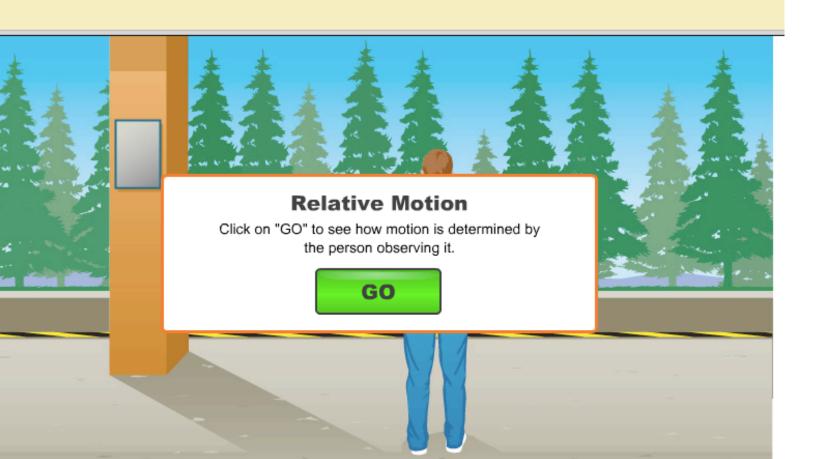
TRACKSTAR

Motion Webquest Annotation by Ms. Tao

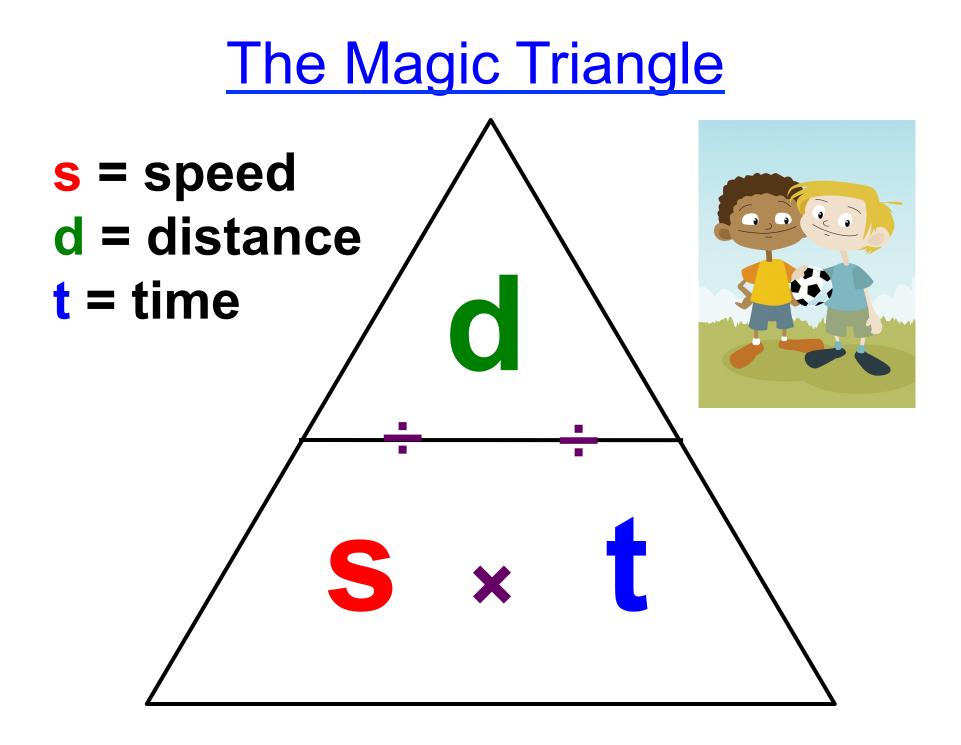
Reference Point

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



Site Location: http://www.classzone.com/books/ml_science_share/vis_sim/mfm05_pg7_relmotion/mfm05_pg7_relmotion.html



The Speed Equation

Average Speed = total distance

total time



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

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.	

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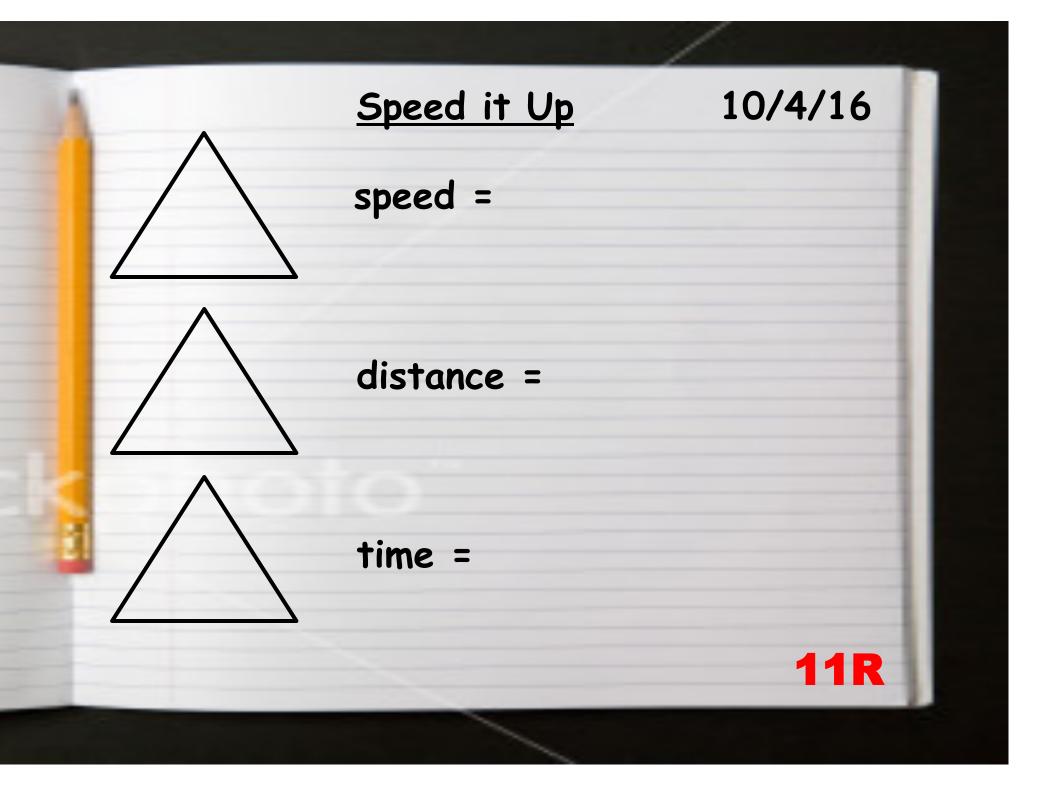
Step 1:	Write down the equation.	speed = <u>distance</u> time
Step 2:	Write down what you know.	distance = 100 m time = 5 sec
Step 3:	Plug in your numbers.	
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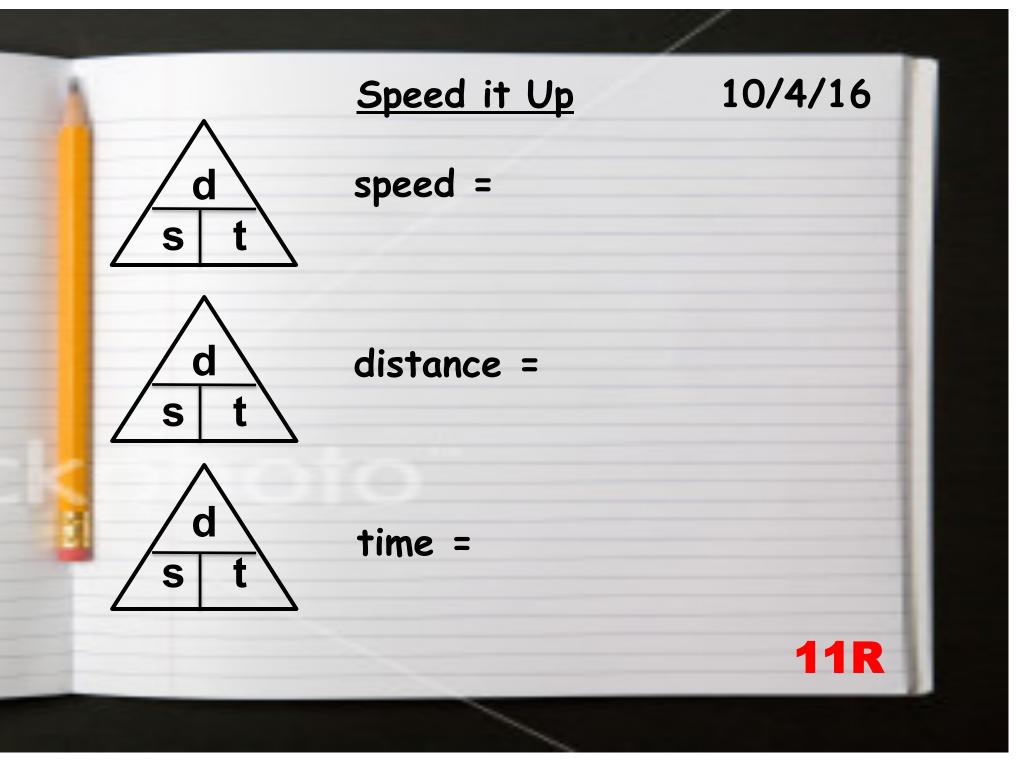
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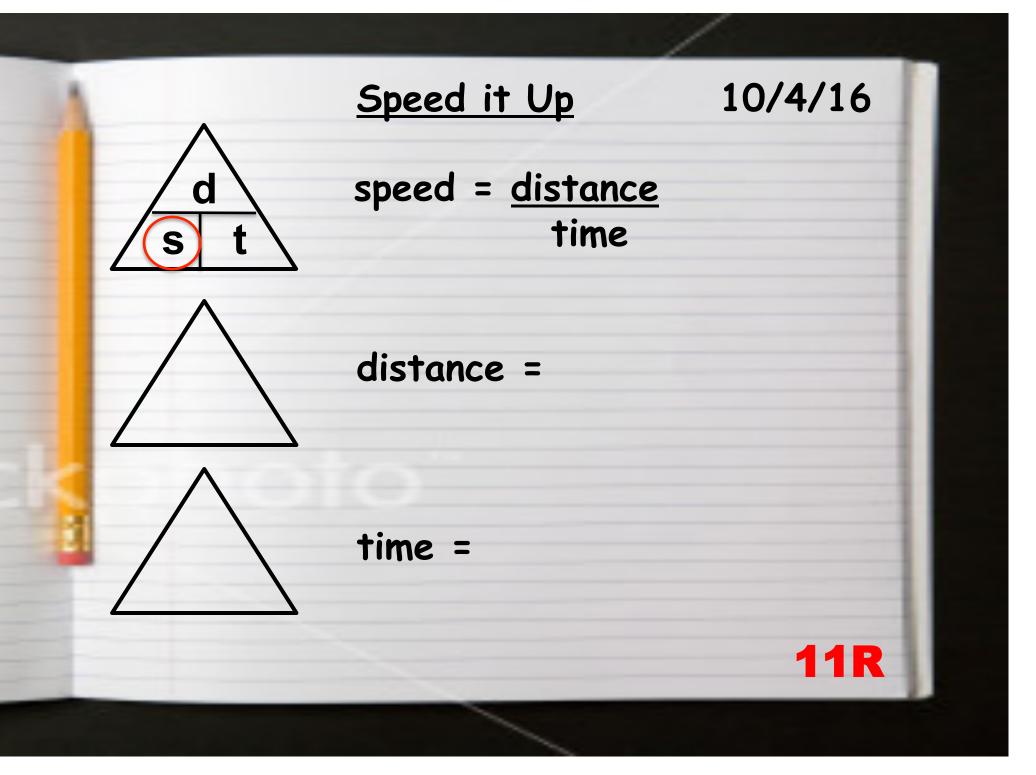
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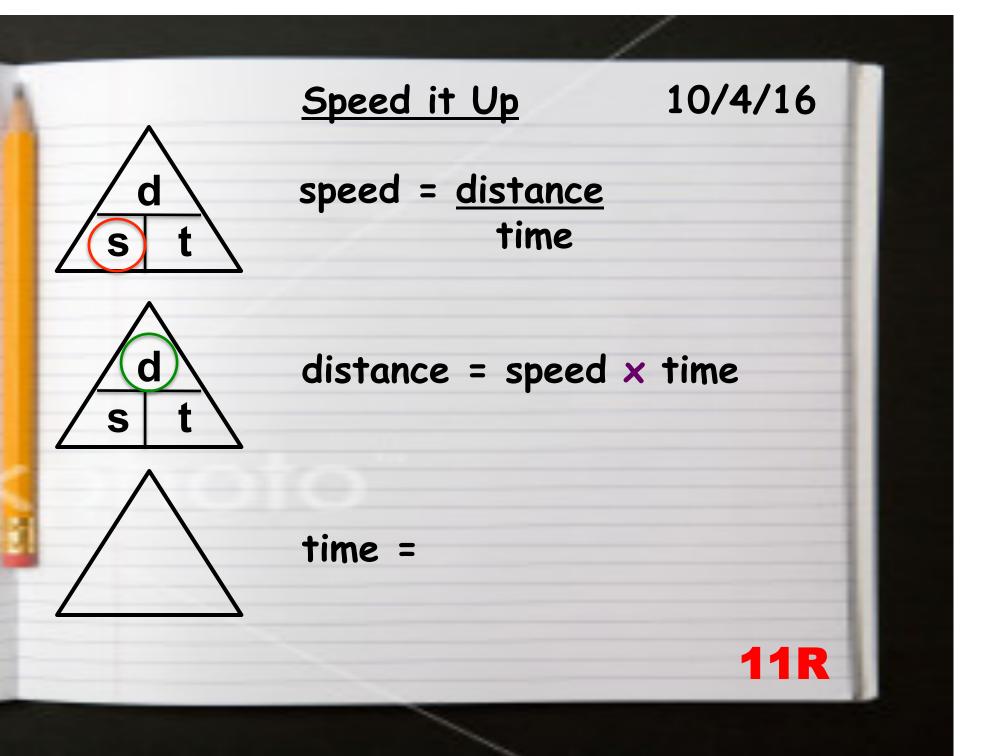
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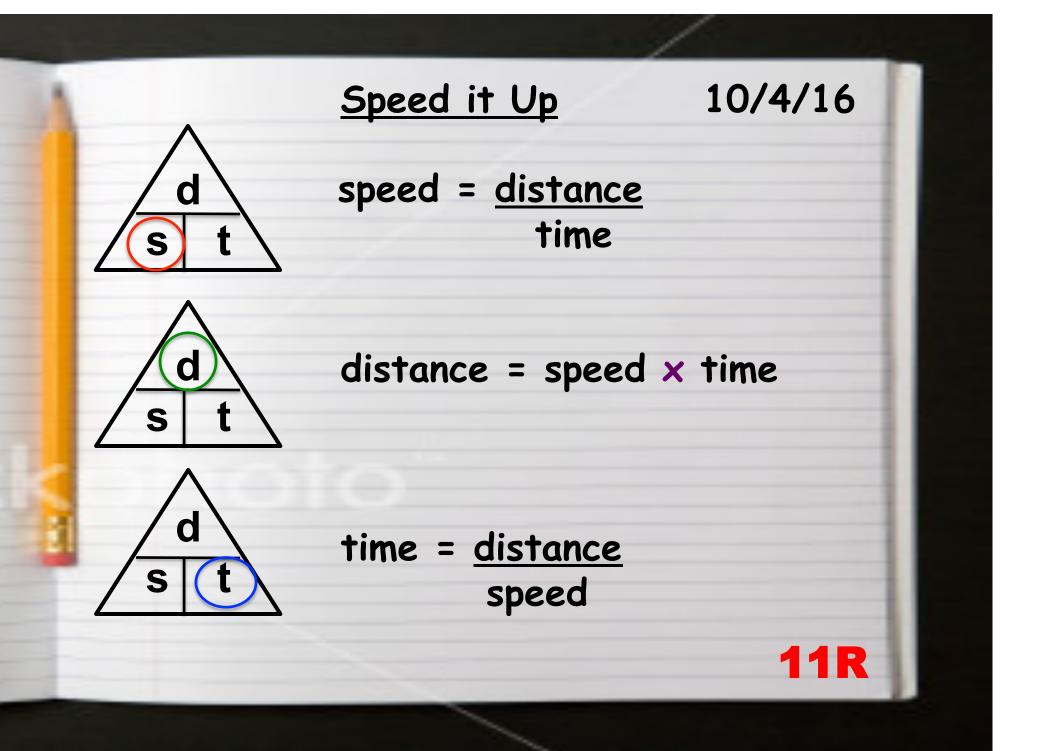
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10/4/16

<u>Pre-Write</u>:

The trash can is to the left of the light post. There is also a fence behind the light post. What is the <u>reference point</u> in that situation and why?

Reflection

In your own words, write the *definition* and *draw* a picture for the following words:

- position
- speed

10/4/16 Speed it Up speed = <u>distance</u> d time S distance =C speed x time time = distance speed

11R

