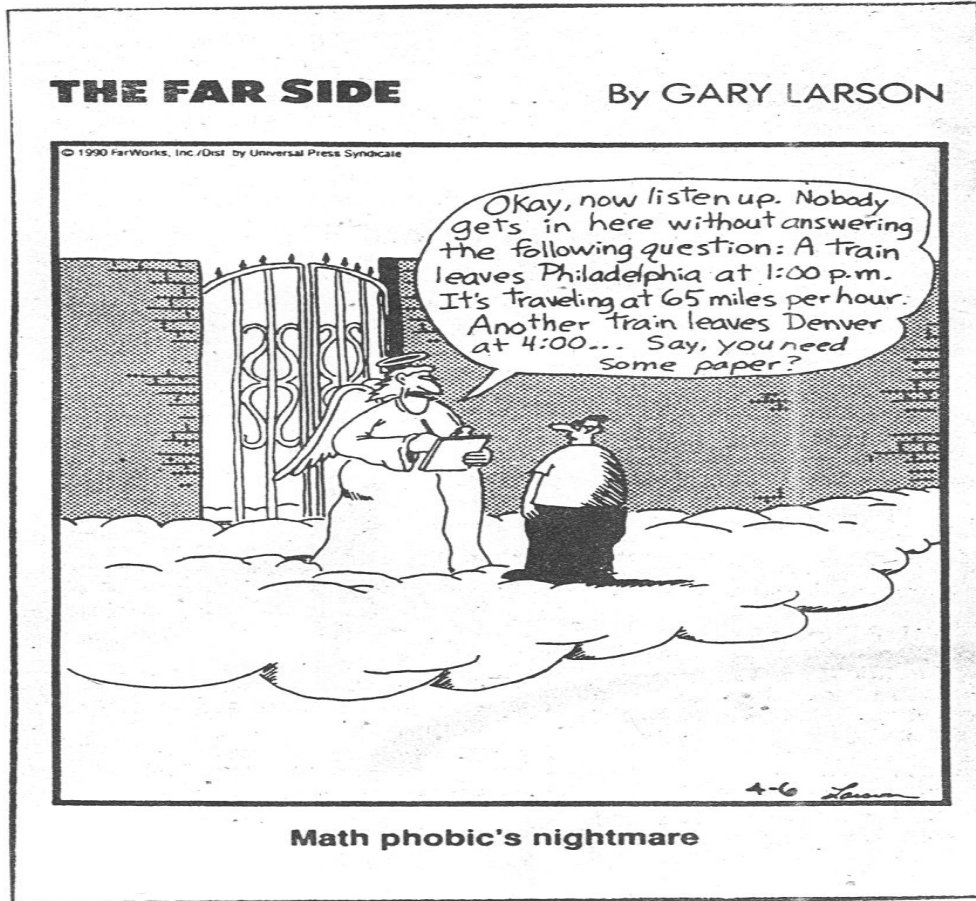


10n1 Scary Math I



No really.....

A train leaves Philadelphia at **1:00pm EST** on January 1, 2005 traveling toward Denver (which is **~1,725 miles away**) at an average speed of **65 miles per hour**. Another train leaves Denver at **4:00 pm MST** (2 hours behind EST) traveling toward Philadelphia at an average speed of **135 miles per hour**. Amazingly enough, the trains are on the same track and nobody is aware of that! On what day and at what time (EST) do they crash?

Philadelphia {	<u>325 miles</u> [<u>1,400 miles</u>	}Denver
1:00pm EST {	5 hours [? Hours	} 4:00pm
MST			
	6:00pm EST [} 6:00pm
EST			
65 mph-->	*	<-- 135 mph	