Physics videos to help you with the math review packet					
Торіс	Time	Video links	What you will learn		
Scientific notation	5 min 8 min	https://www.youtube.com/watch?v=WwmJ5nMmig Q https://www.youtube.com/watch?v=1jDfRhMl0z4	 how to get numbers in sci. not. how to use sci. notation on your calculator 		
Trig review	10 min	https://www.youtube.com/watch?v=lQt2p2bhXuc	 solving for sides of a right triangle given 1 side and an angle Solving for the angle given 2 sides 		
Algebra Review (also has a little more trig review)	20 min	https://www.youtube.com/watch?v=zO5MbHL58jI	 solving simultan. equations more trig review 		
Converting units within the metric system Converting	15 min 30	https://www.youtube.com/watch?v=W5xyF-mwitU Go to http://ioneslhs.weebly.com/	 metric to metric unit conversion using dimensional analysis 		
units using dimensional analysis (factor label method)	min	 click on learn do 3 one step practices do 3 multistep practices do 3 double unit practices do 3 squared and cubed practices 	 converting from English to metric units (in→ cm) converting derived units (m/s → miles/hr) 		

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Торіс	Time	Video links	What you will learn	
			• converting squared and cubed units (cm ³ → in ³)	
Vector Addition Basics	11 min	https://www.youtube.com/watch?v=pimr9I92GZY	 steps to graphical and algebraic addition of vectors multiplying vectors negative vectors 	
Finding vector magnitude and direction	4 min	https://www.youtube.com/watch?v=WxWJorOVIj8	 how to use trig to find the resultant vector magnitude and direction 	
Finding components of a resultant vector	3 min	https://www.youtube.com/watch?v=-fbCI2qcgRk	 how to taking the resultant and angle and split it up into the x and y components 	
Finding resultant of 3 or more vectors	15 min	https://www.youtube.com/watch?v=g_TnqKX5ybY	 how to solve problems with more than two vectors 	