Learning Objective:

• understand vectors as quantities having length and direction, independent of position

Key Equation(s) or Formula(s):

Notes (3+ sentences or ideas):

Examples with explanations (2+):

Review of Unit 1 Class: Math 253Professor: Schmitt

• perform basic vector operations (addition, subtraction, scalar multiplication)

Key Equation(s) or Formula(s):

Learning Objective:

Notes (3+ sentences or ideas):

Examples with explanations (2+): At least one of each operation

Semester/Year: Spr '15

Class: Math 253 Review of Unit 1 Professor: Schmitt
Learning Objective:

• perform the dot product and cross product of vectors

Key Equation(s) or Formula(s):

Notes (3+ sentences or ideas):

Examples with explanations (2+): At least one of each operation

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Learning Objective:

 \bullet recognize when two vectors are orthogonal and use the normal vector to find the equation for a plane in three dimensional space

Key Equation(s) or Formula(s):

Notes (3+ sentences or ideas):

Examples with explanations (2+):

Class: Math 253	Review of Unit 1	Professor: Schmit
Learning Objective		
Learning Objective:		
Other Important Concepts (at least one):	
Key Equation(s) or Form	nula(s):	
()	· ,	
Notes (3+ sentences or i	deas):	
Examples with explanati	iong (2+):	
Examples with explanate	1011S(2+).	

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