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Are you lacking resources to address the content for the new Calculus & Vectors course? Nelson is offering an interim solution to support students until new textbooks are published beginning in 2008. The *Vectors 12 Supplement* is a black/white booklet (app. 140 pages) that can be used with any existing AFIC book. It includes the following content from *Harcourt Geometry & Discrete Mathematics*:

CHAPTER 4 (pp. 119 – 158)

Vectors
Review of Prerequisite Skills
Rich Learning Link
4.1 Vector Concepts
4.2 Vector Laws
4.3 Force as a Vector
4.4 Velocity as a Vector
Key Concepts Review
Rich Learning Link Wrap-Up
Review Exercise
Chapter 4 Test
Extending and Investigating

CHAPTER 5 (pp. 159 – 200)

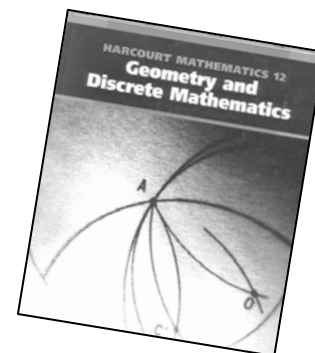
Algebraic Vectors and Applications
Rich Learning Link
5.1 Algebraic Vectors
5.2 Operations With Algebraic Vectors
5.3 The Dot Product of Two Vectors
5.4 The Cross Product of Two Vectors
5.5 Applications of Dot and Cross Products
Review Exercise
Rich Learning Link Wrap-Up
Chapter 5 Test
Extending and Investigating

CHAPTER 7 (pp. 237 – 272)

Lines in a Plane
Review of Prerequisite Skills
Rich Learning Link
7.1 Parametric and Vector Equations of a Line in a Plane
7.2 The Scalar Equation of a Line in a Plane
7.3 Equations of a Line in 3-Space
7.4 The Intersection of Two Lines
Key Concepts Review
Review Exercise
Rich Learning Link Wrap-Up
Chapter 7 Test
Extending and Investigating

CHAPTER 8 (pp. 273 – 318)

Equations of Planes
Review of Prerequisite Skills
Rich Learning Link
8.1 The Vector Equation of a Plane in Space
8.2 The Scalar Equation of a Plane in Space
8.3 The Intersection of a Line and a Plane
8.4 The Intersection of Two Planes
8.5 The Intersection of Three Planes
Key Concepts Review
Rich Learning Link Wrap-Up
Review Exercise
Chapter 5 Test
Extending and Investigating
Cumulative Review Chapters 4-8 (pp. 319 – 322)



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