

Name: _____ Date: _____ Period: ____ Row: _____

SECTION 13.4: VECTORS

VECTORS

MAGNITUDE

EXAMPLE I

Sketch \vec{AB} , name \vec{AB} as an ordered pair, and find $|\vec{AB}|$.

a)

b)

c)

d)

PARALLEL AND PERPENDICULAR VECTORS

EXAMPLE 2

Are the given vectors parallel, perpendicular, or neither?

a)	b)	c)	d)
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EQUAL VECTORS, ADDING VECTORS, AND SCALAR MULTIPLES

EXAMPLE 3

Find each vector sum. Then illustrate each sum with a diagram.

a)

b)

c)

EXAMPLE 4

Name two vectors parallel to _____.

EXAMPLE 5

Name two vectors perpendicular to _____.