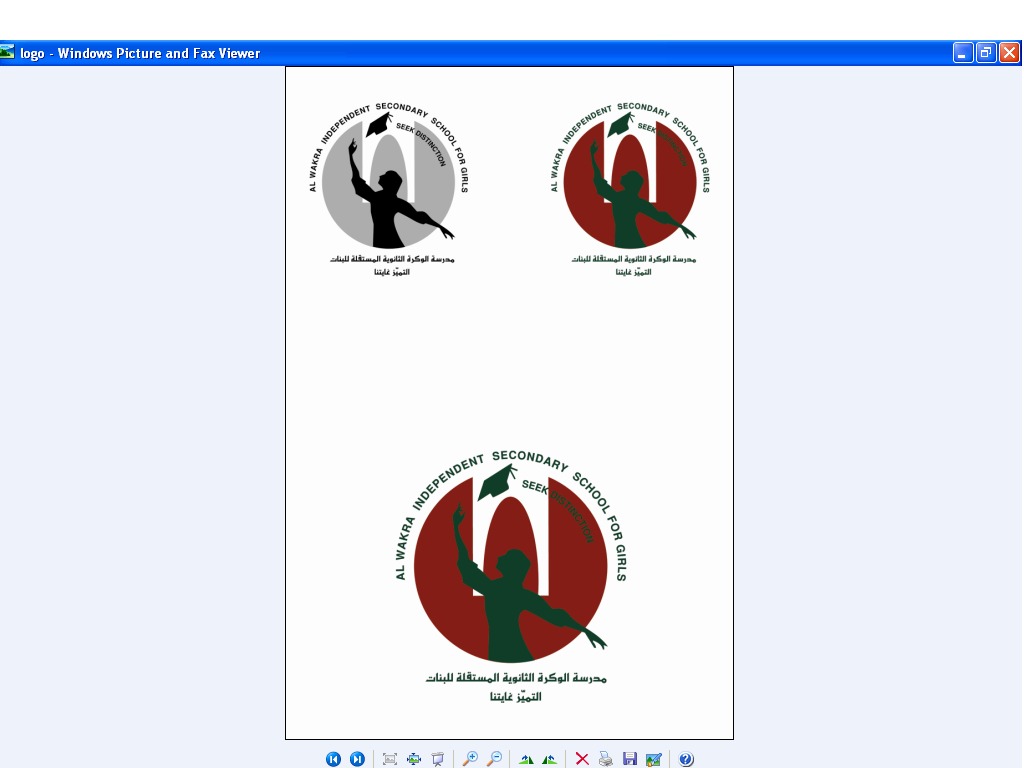
** Cluster D(12Advance) Extra practice**



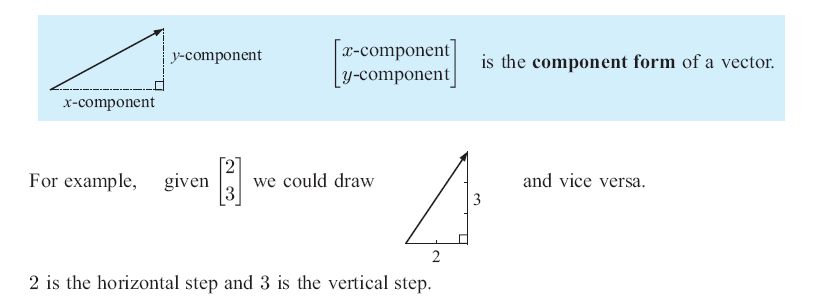
*Lesson Starter :*

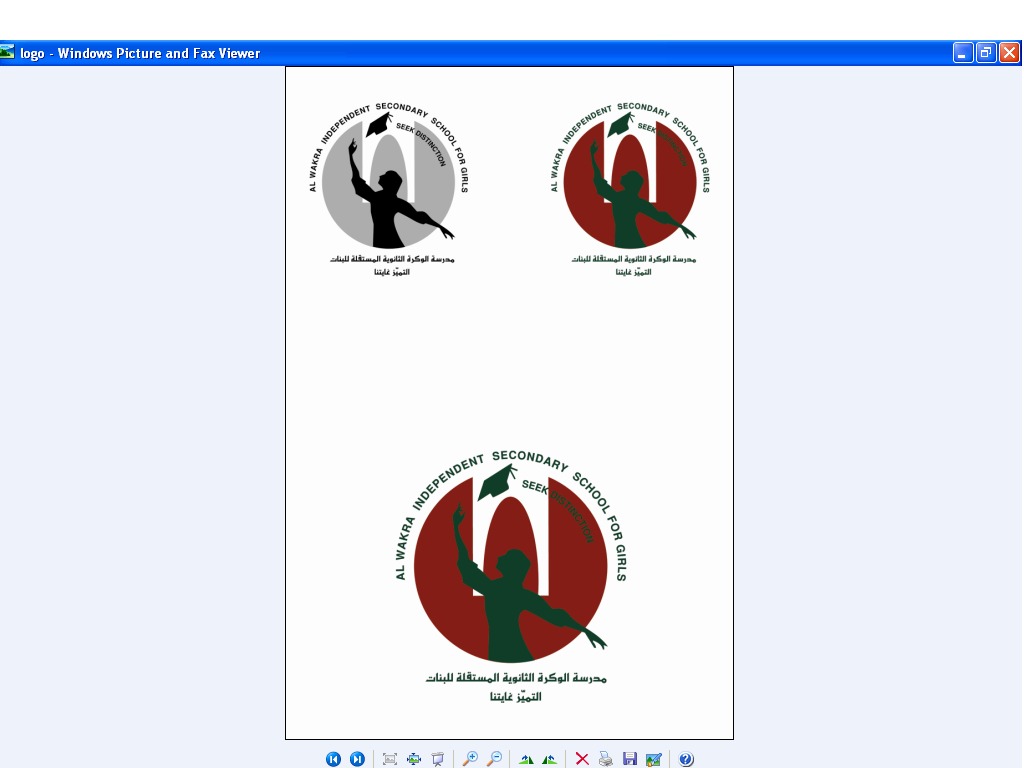
Activity (1) Discover the New Vocabulary (Pairs )

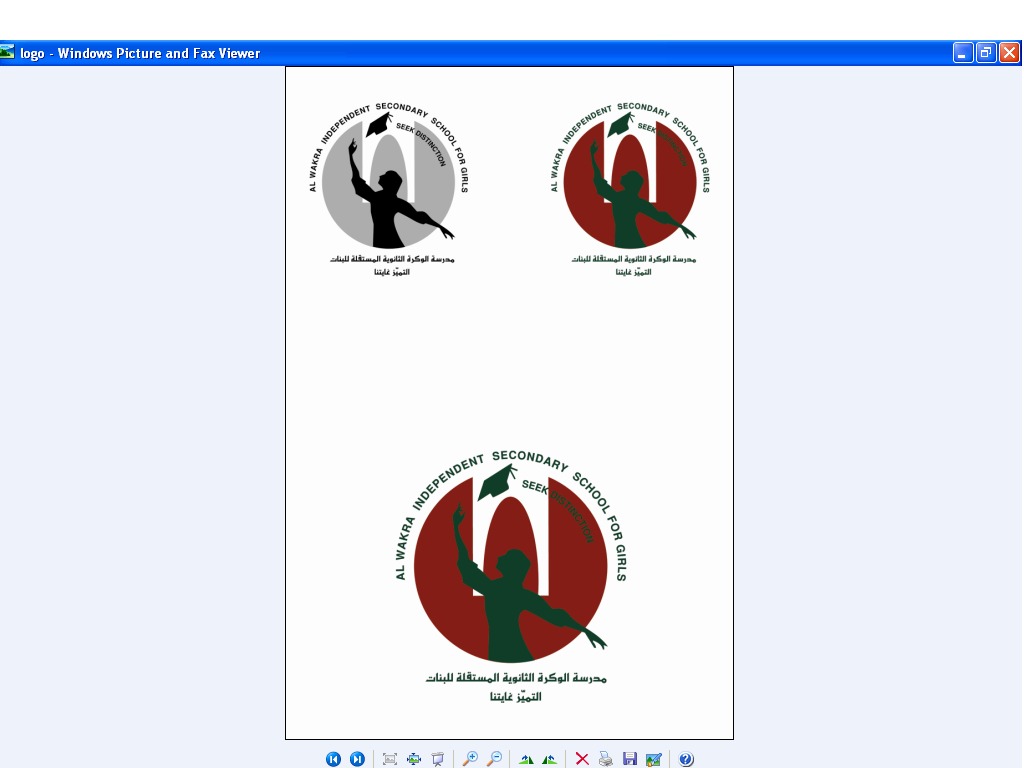
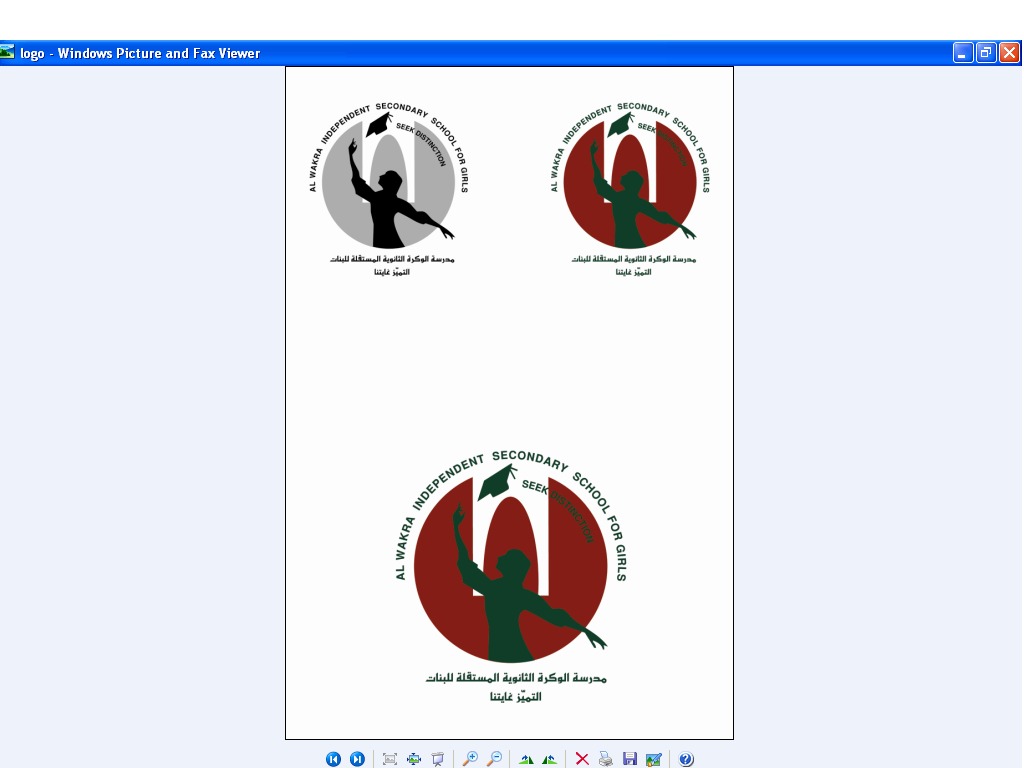
Fill the missing Leteers by using vowel letters(o,u,a,i,e)

V…ctors - Comp…nent F…rm - D…mensions - Positi…n -

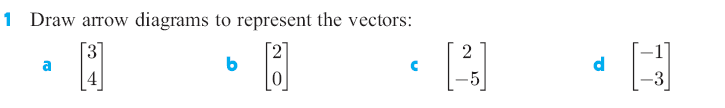
Hor…zontal - Vertic…l .

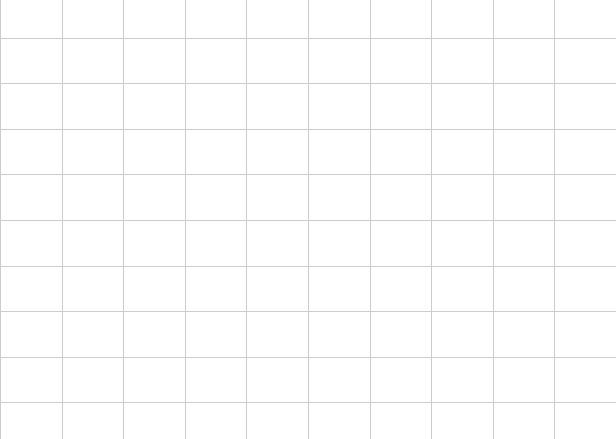
***13.4 Write a position Vector***



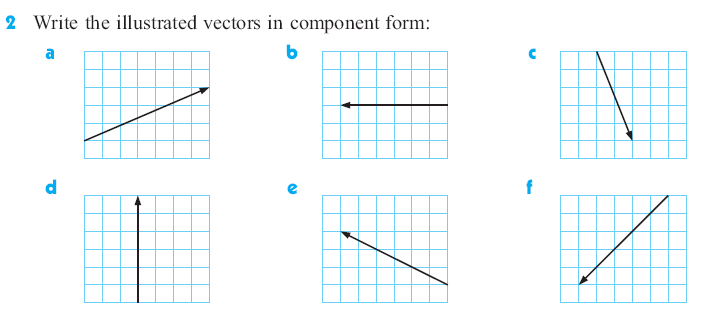


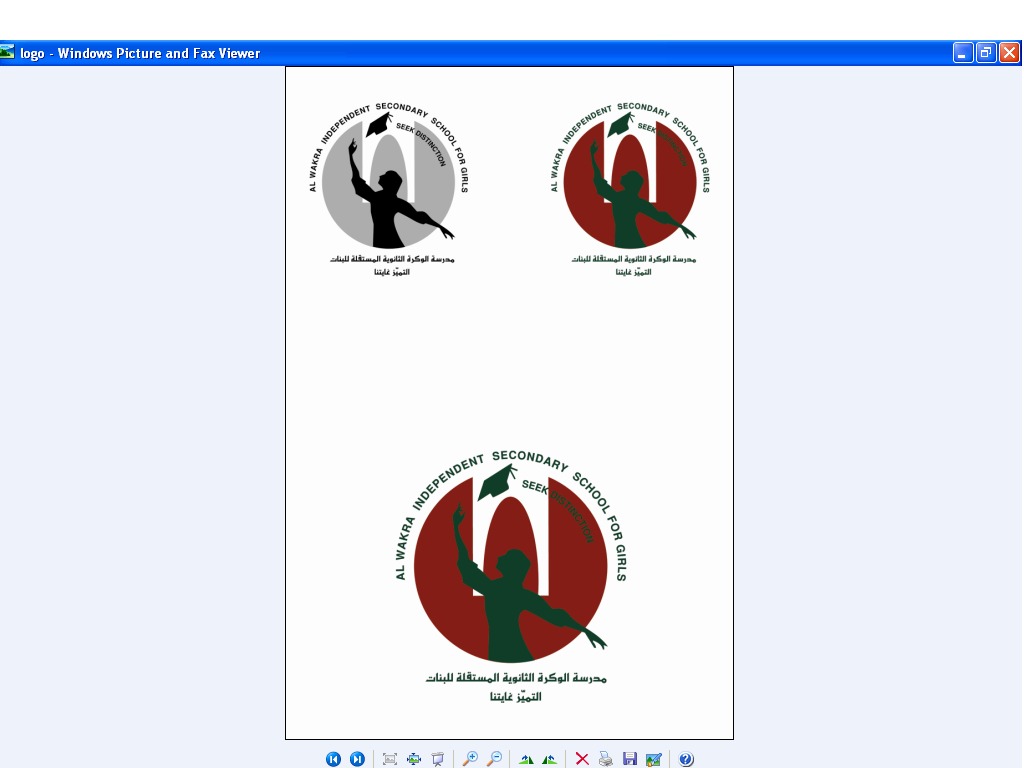
***Example(1) Pairs Activity***



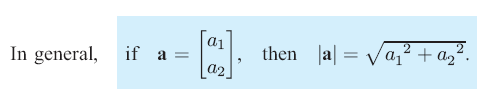


***Example(2) Pairs Activity***

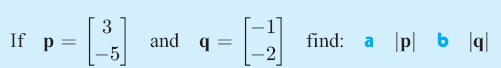






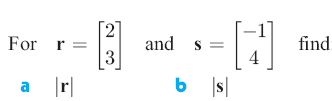


***Example(1) With Teacher:***



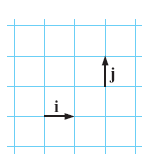
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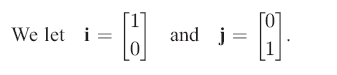
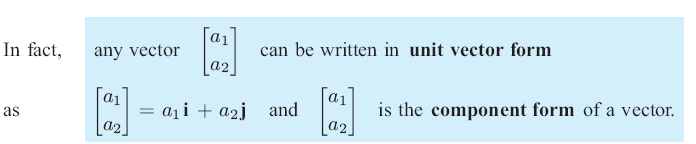
***Practice (1) Pairs activity:***



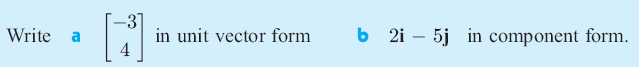


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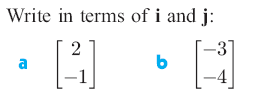
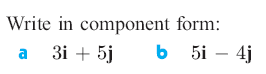




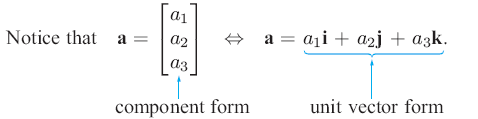
***Example(1) With Teacher***

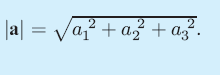


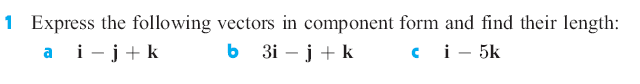
***Practice(1) Pairs***

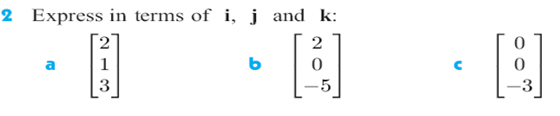
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***Example(2) With Teacher***

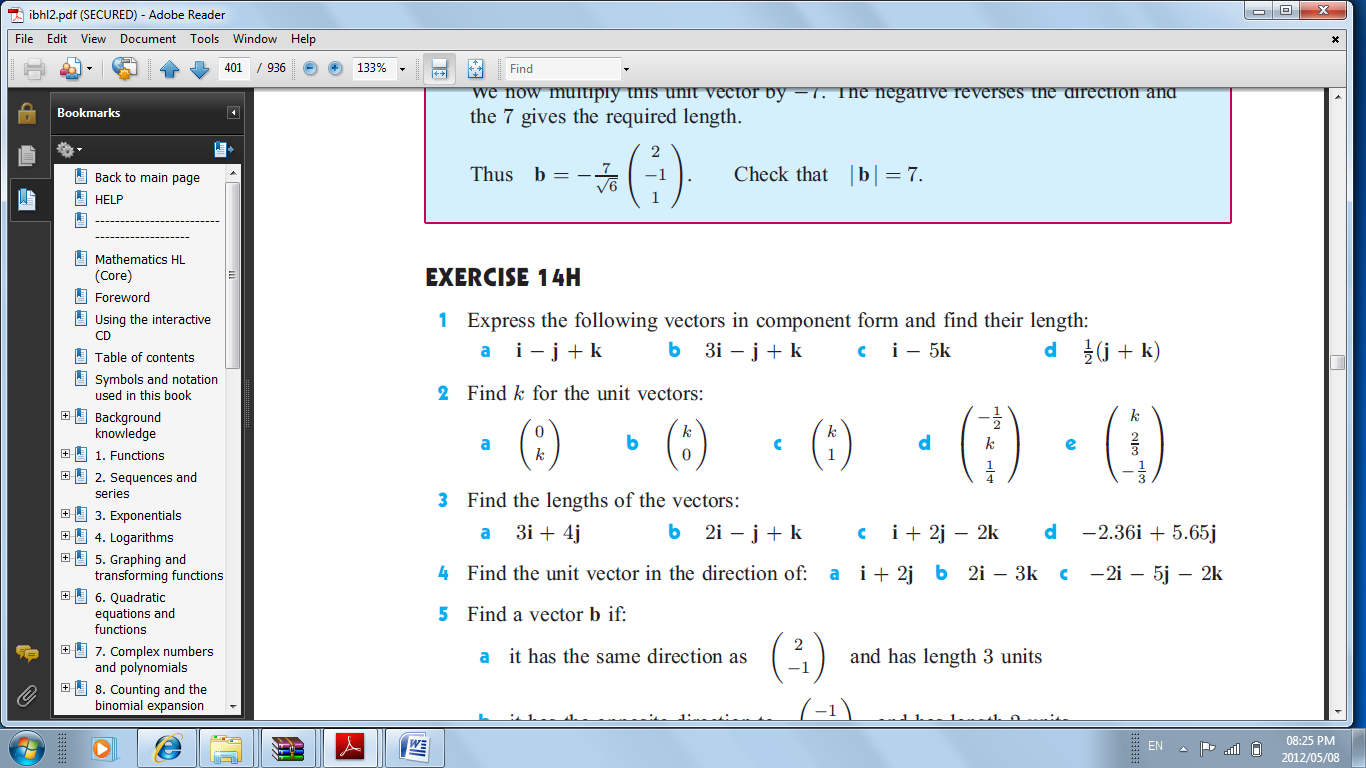
*** Length of a vector***

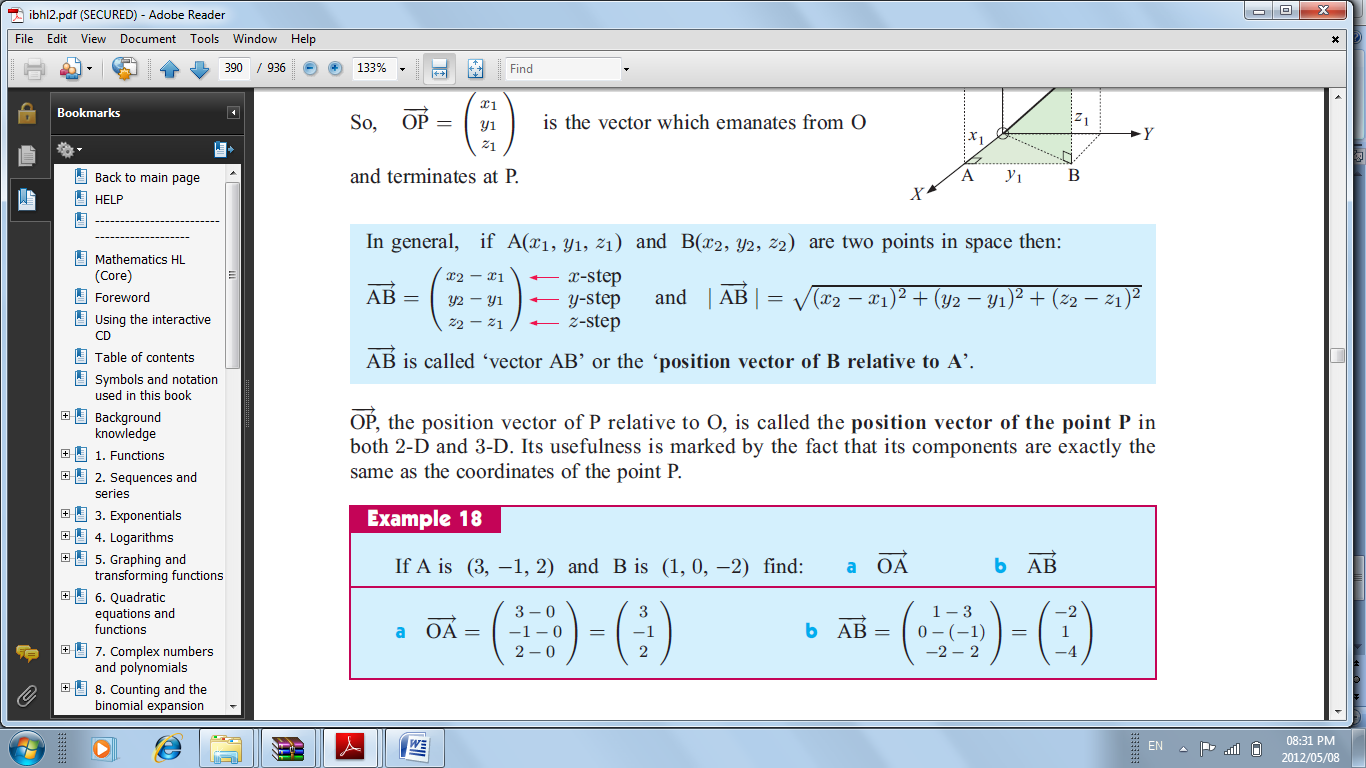


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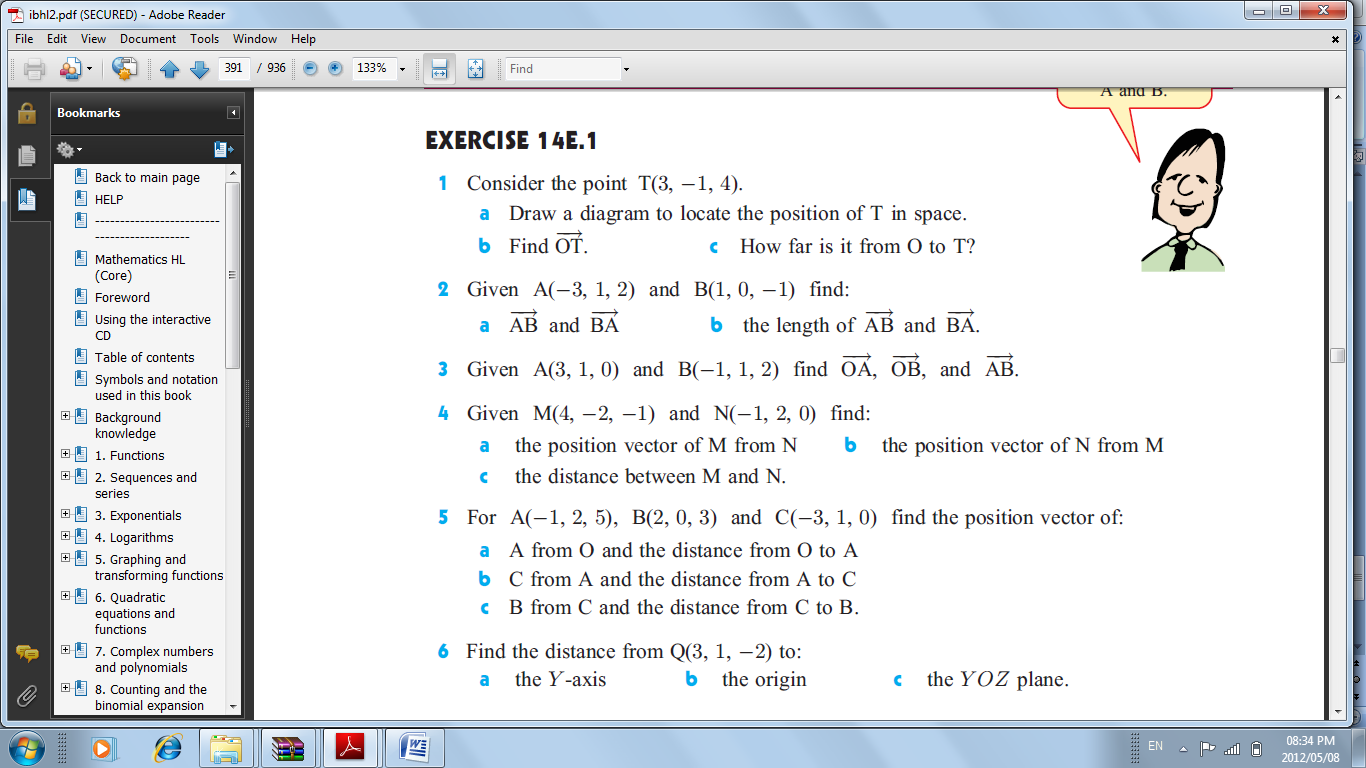
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3-





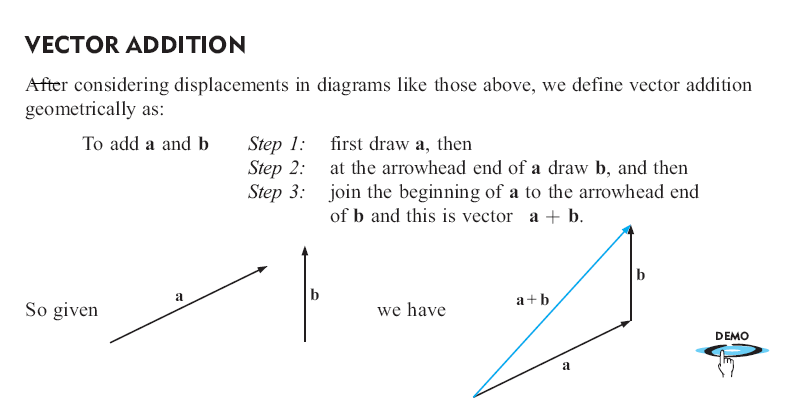
Practice(1)

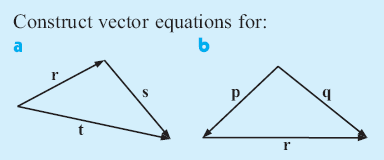


2-

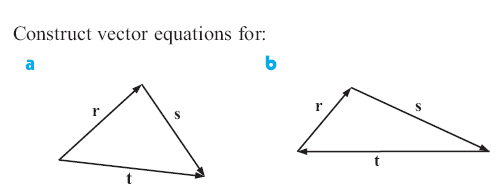
1-

***تصميم***

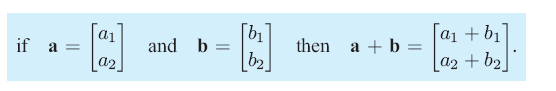


Example (1) with Teacher

Practice (1) (Paris activity)

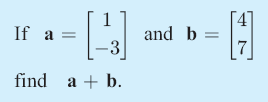




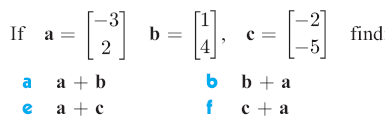




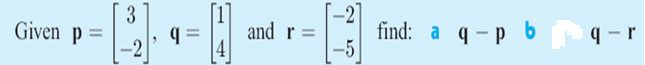
Example(2) With Teacher



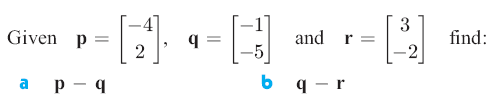
Practice(2) Pairs activity



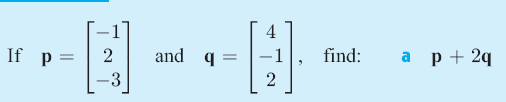
Example(3) With Teacher



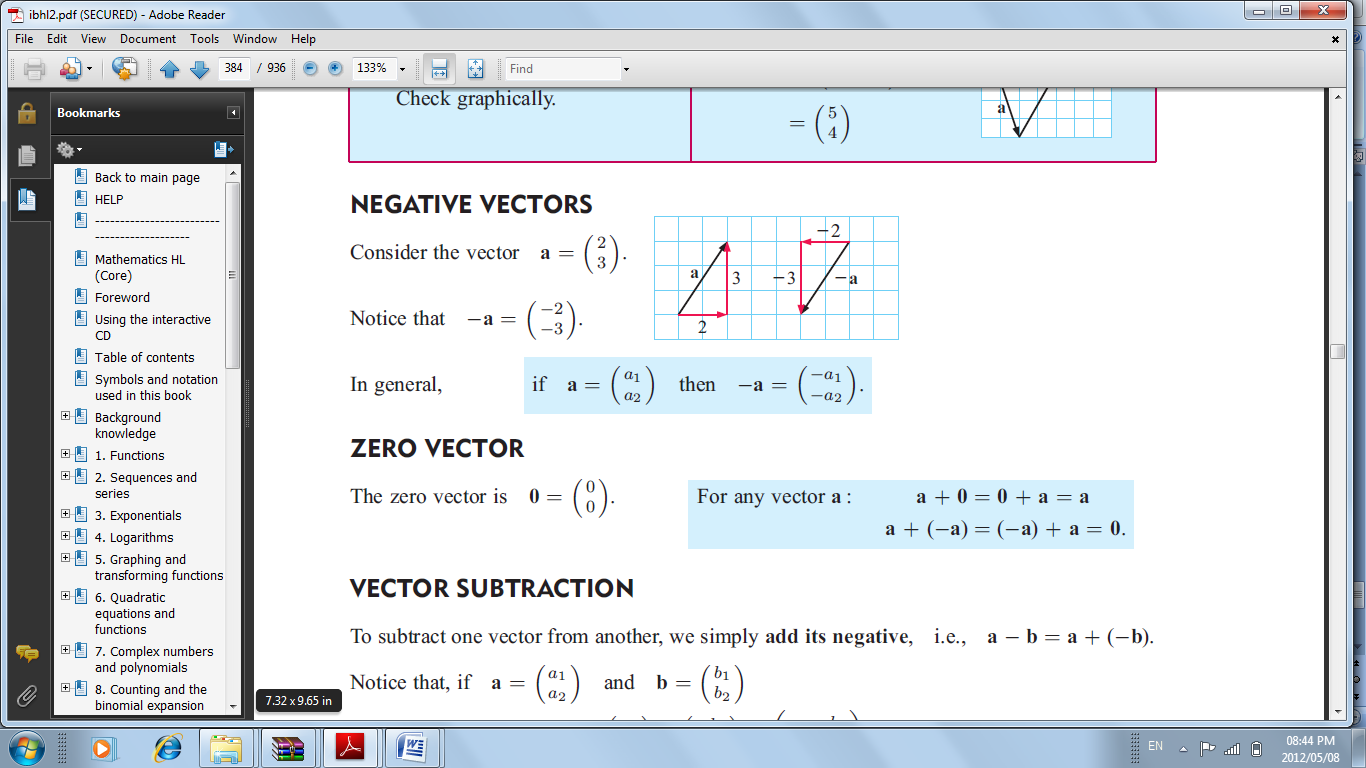
Practice(3) Pairs activity



Example(4) With Teacher

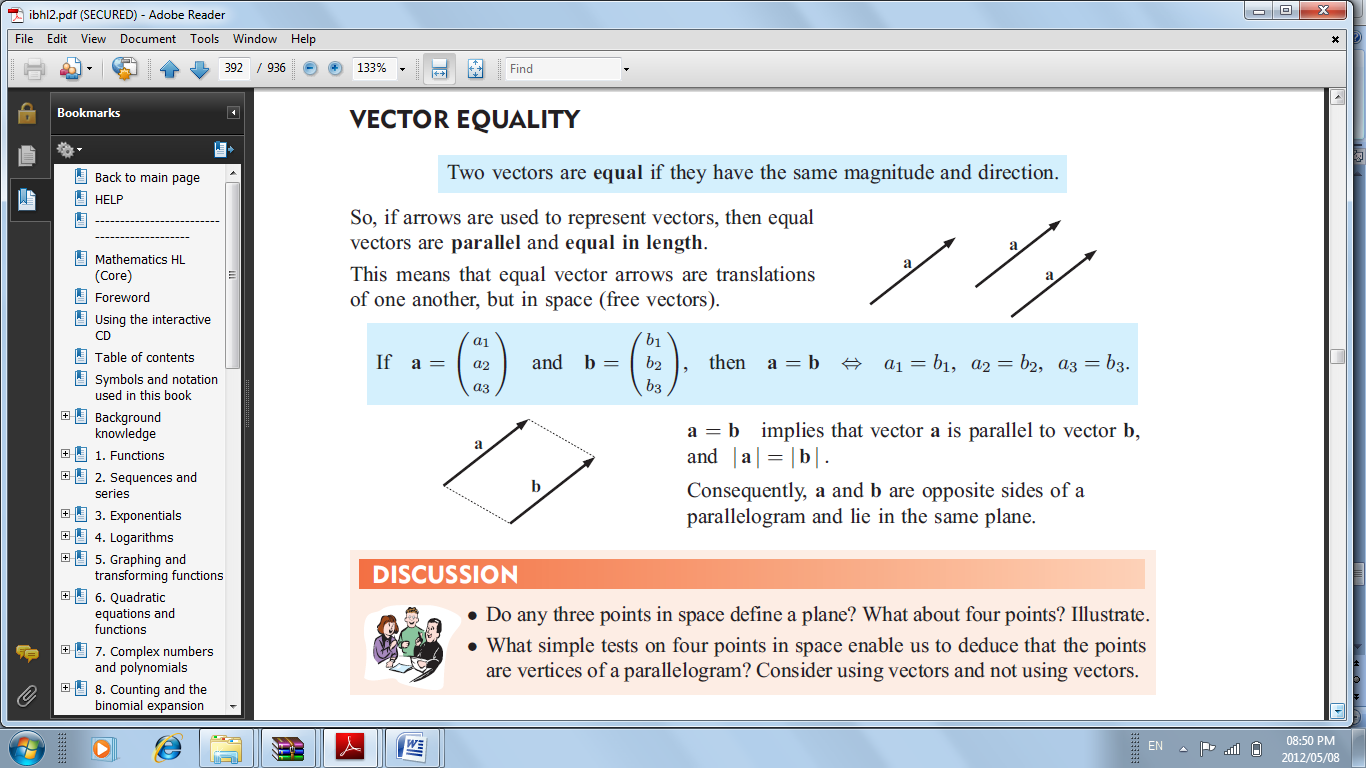


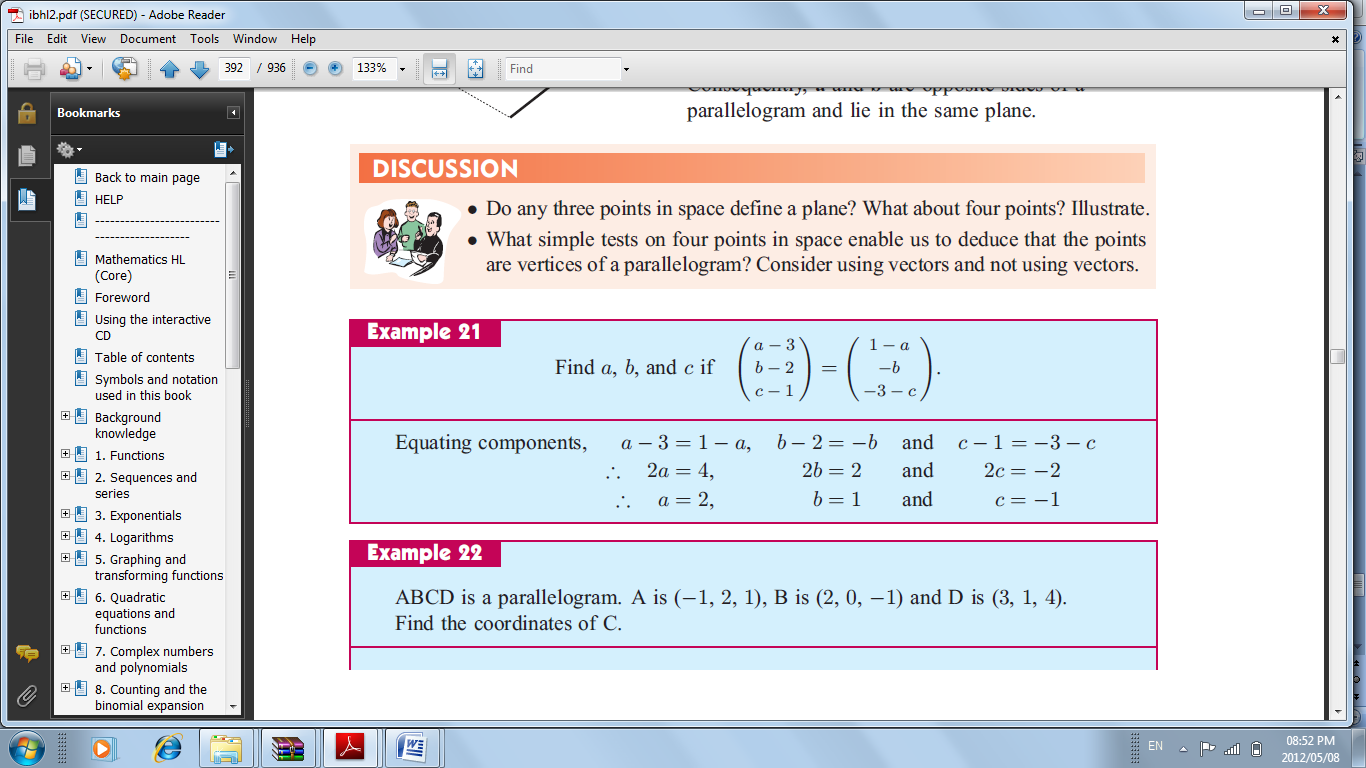
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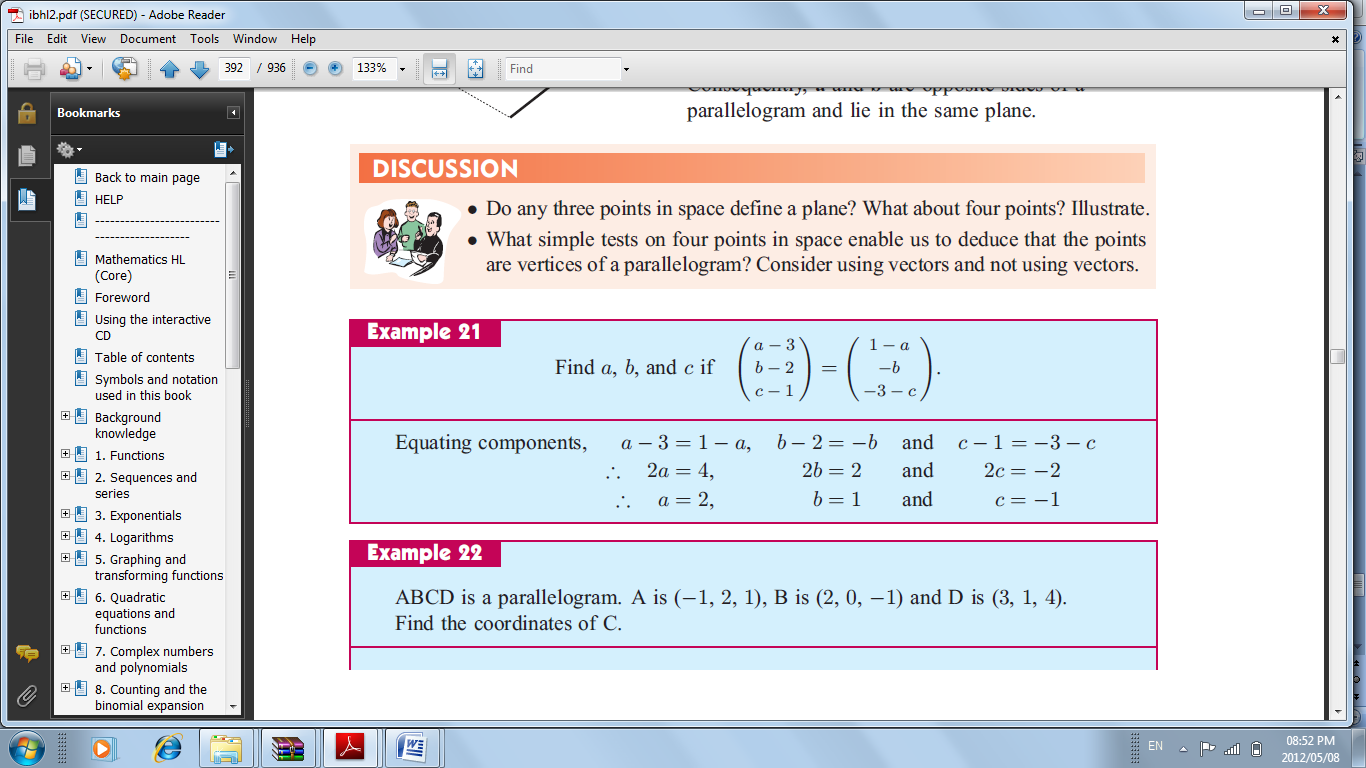


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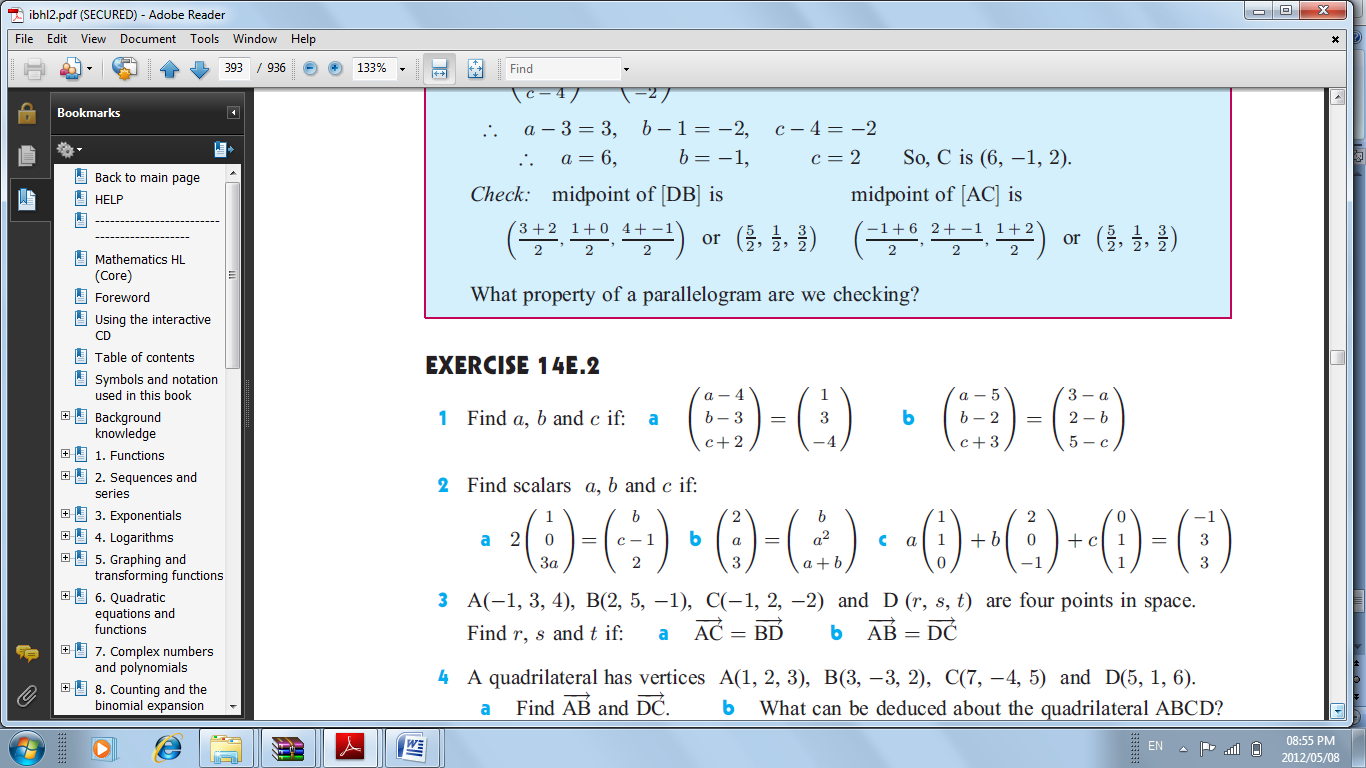
**Vector Equality**



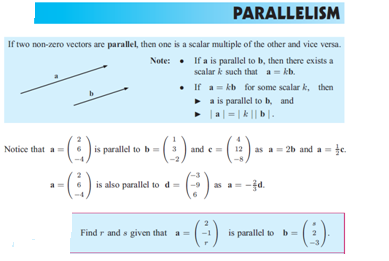
**Practice:** ****



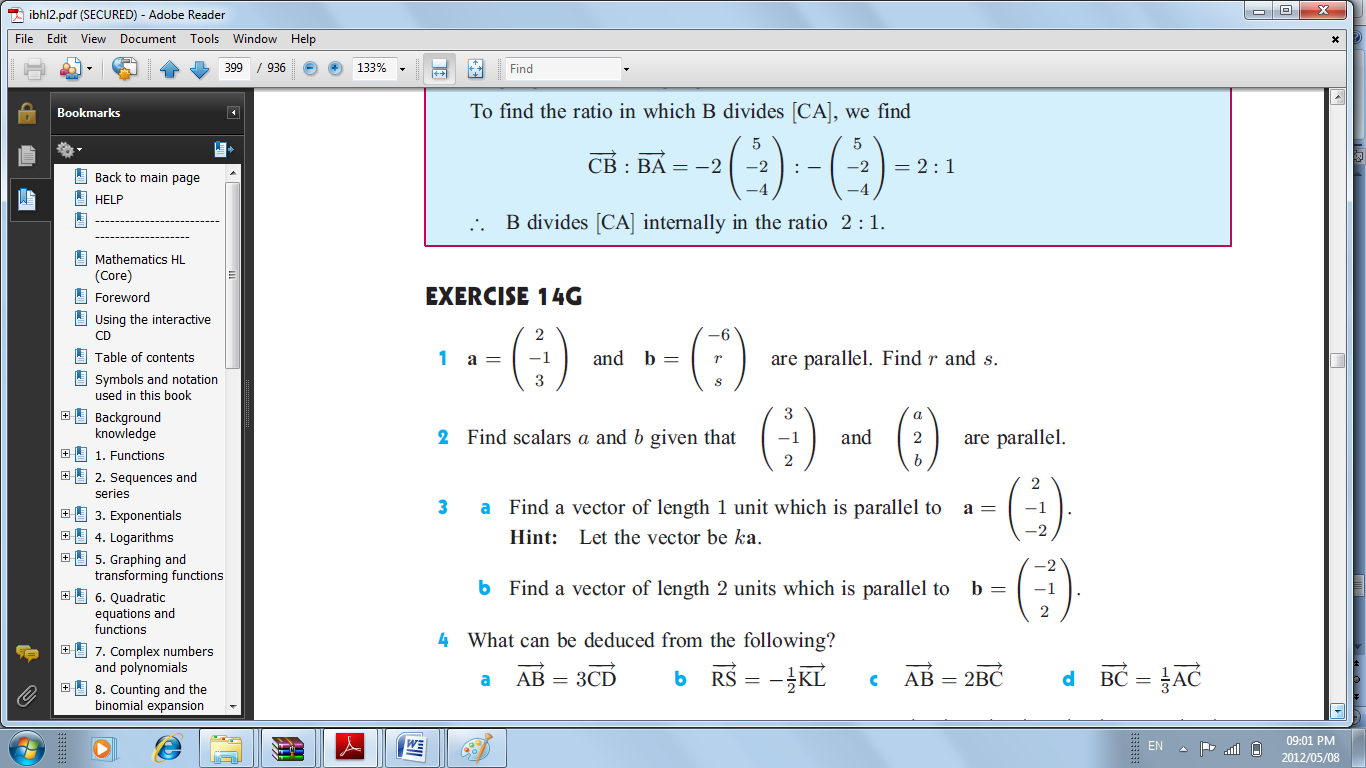
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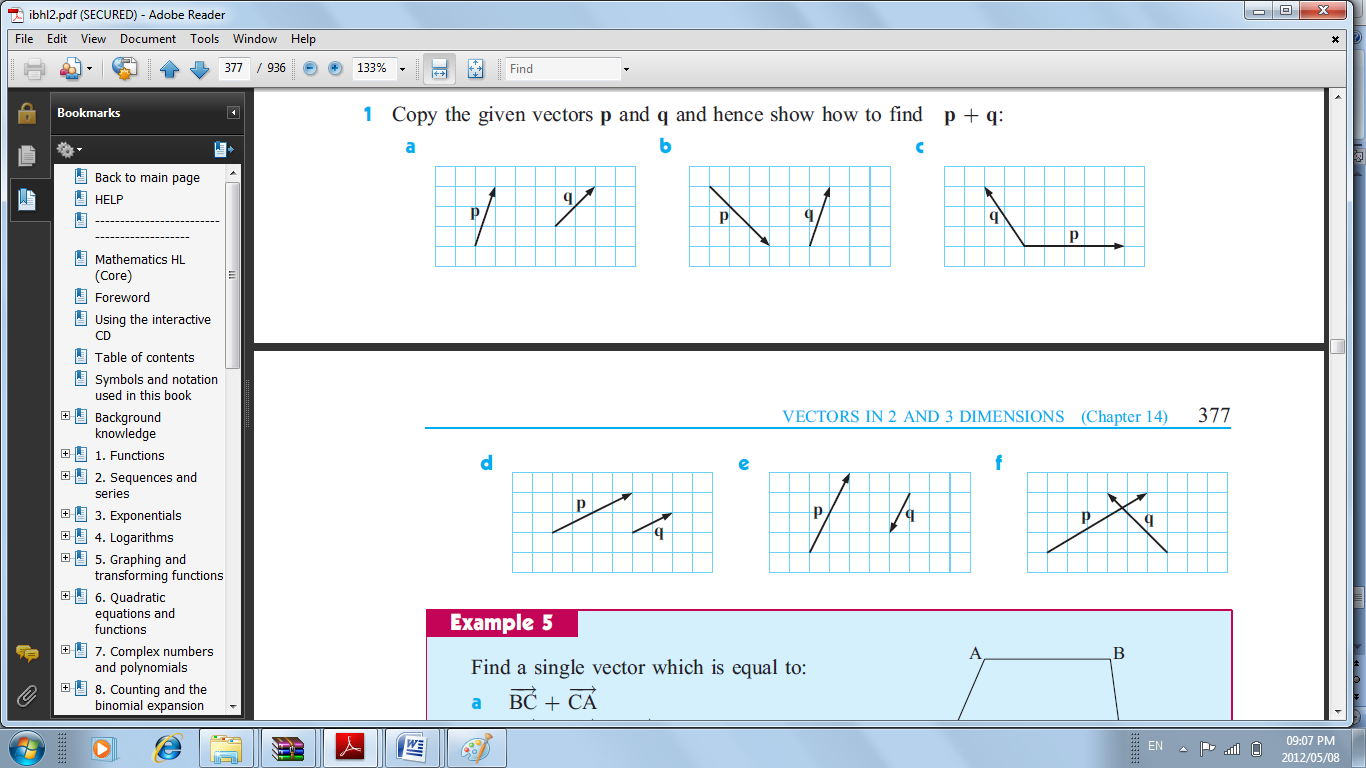
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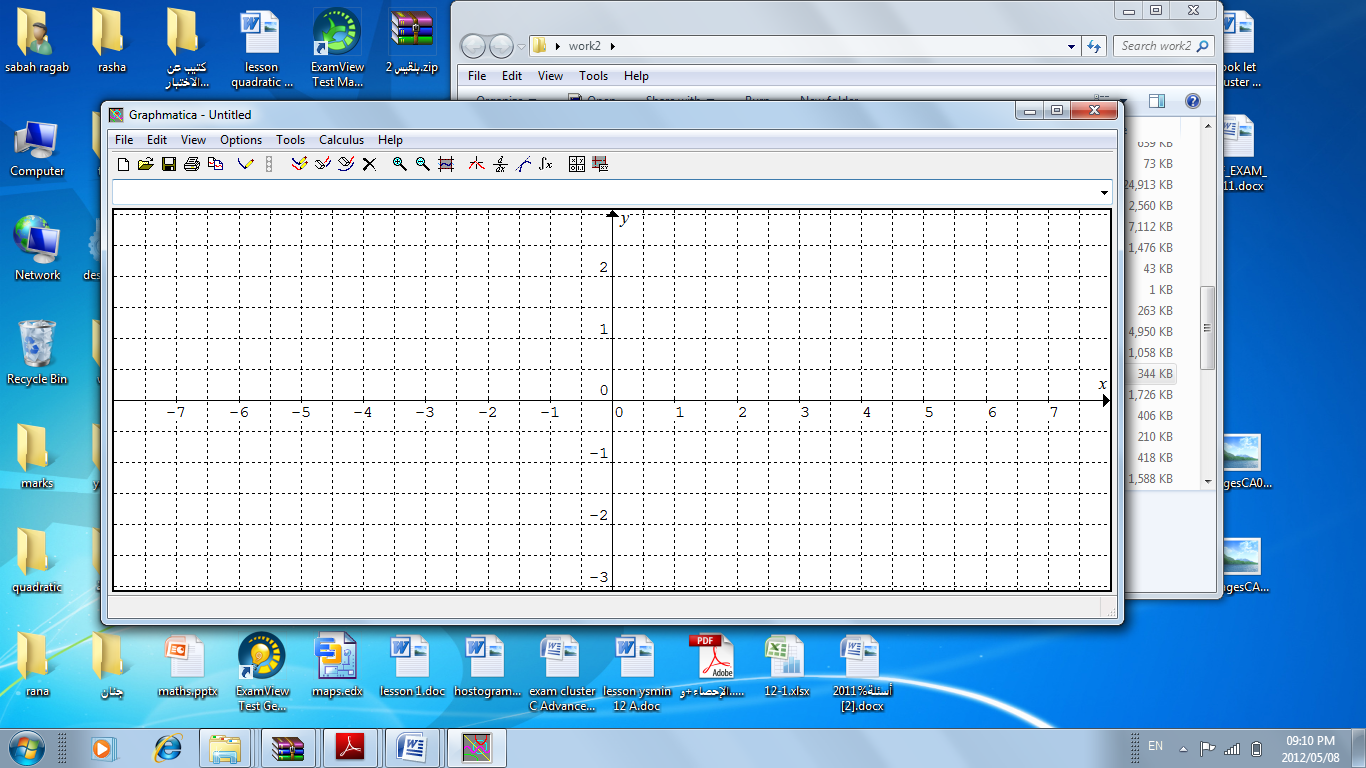


Note :- second roll for paralle vector

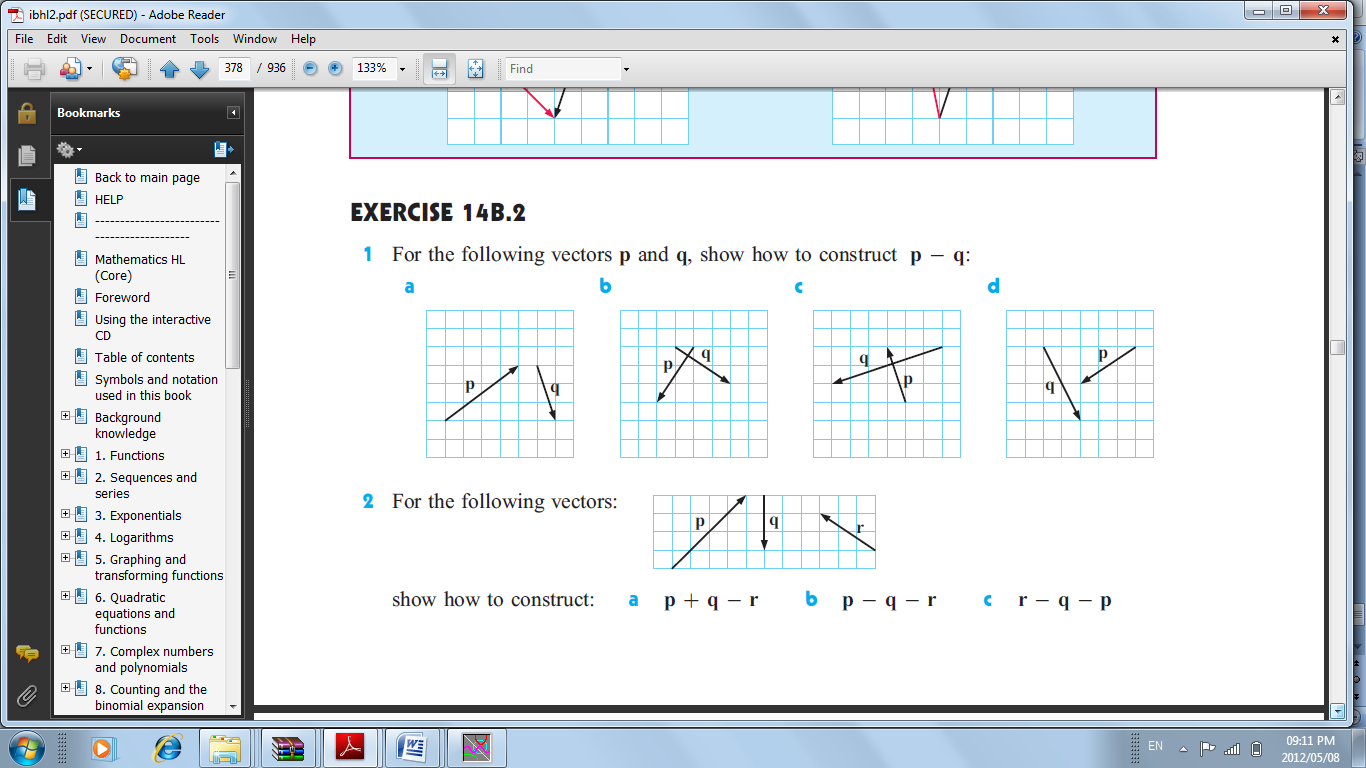
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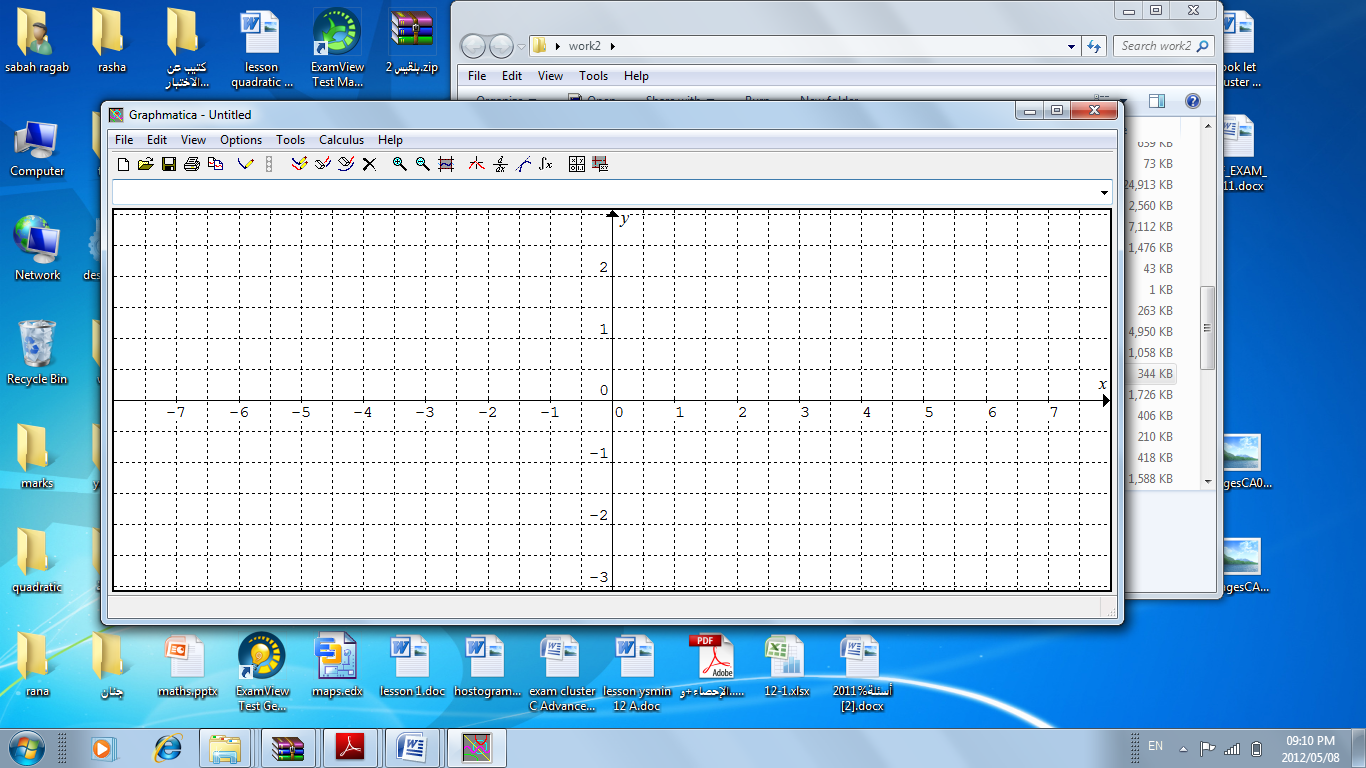
**Vector Addition geometrically:**

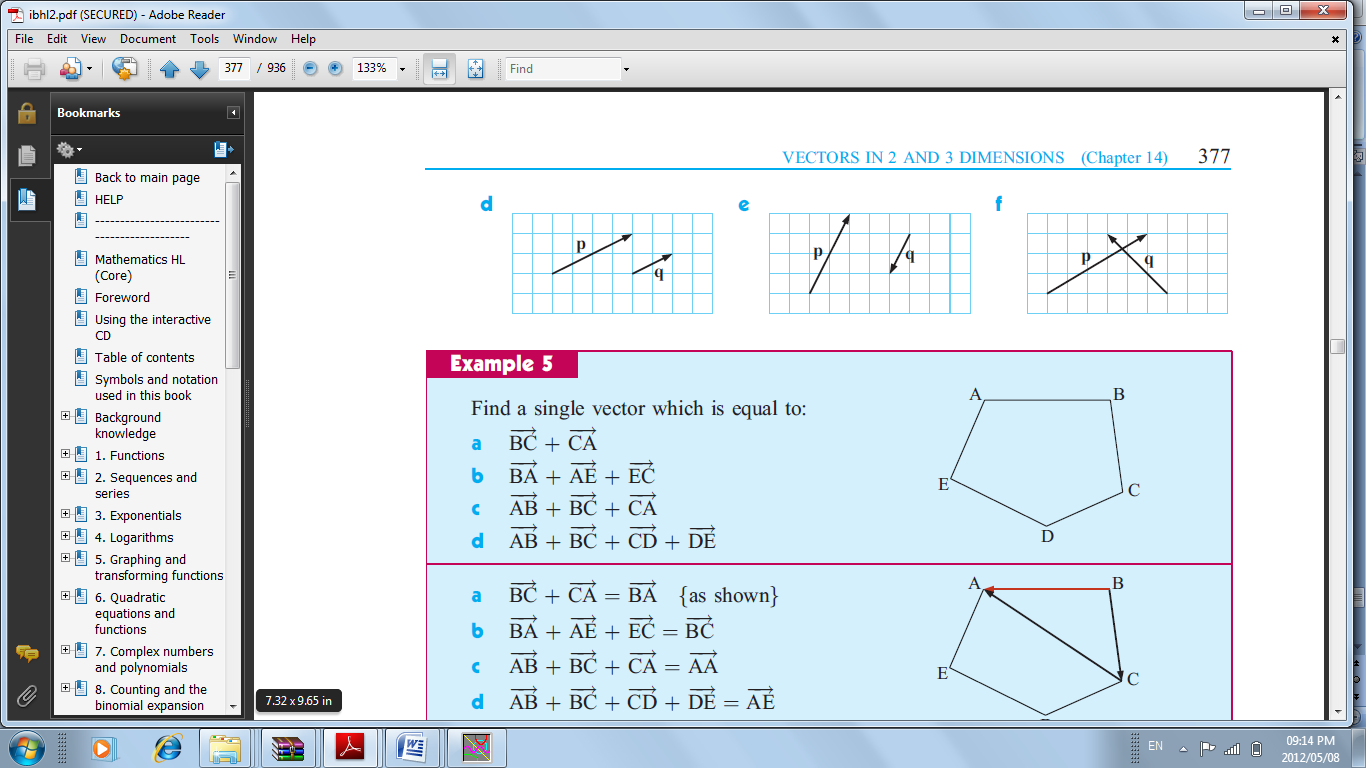




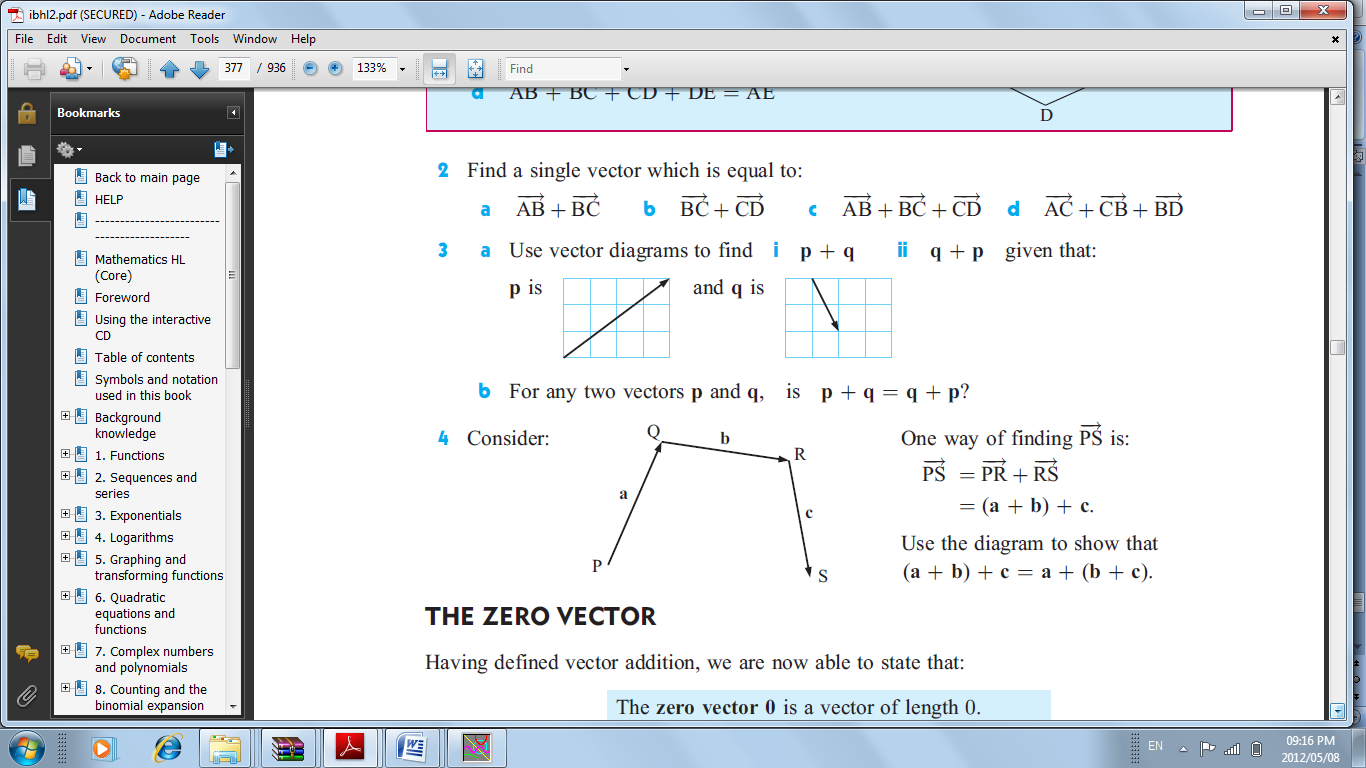
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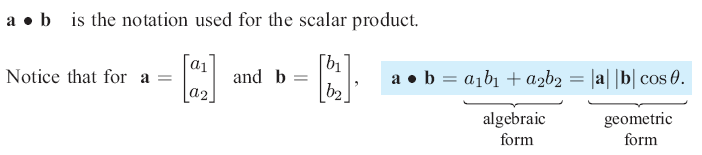




**1-**

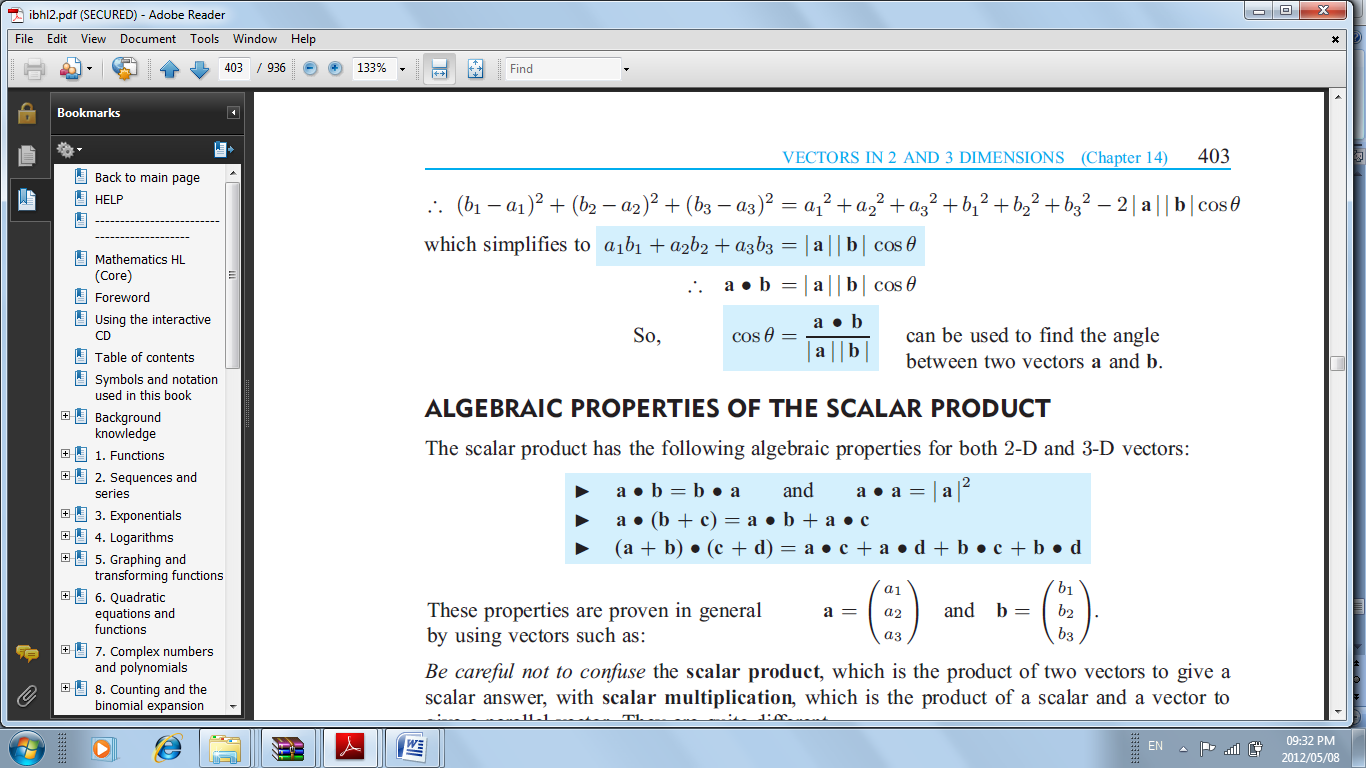




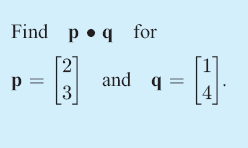


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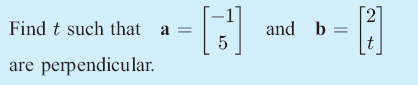
***Example1 (withTeacher)(First Idea)***



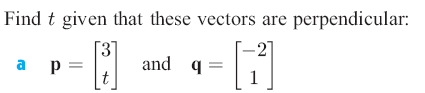
Practice (1) Pairs activity

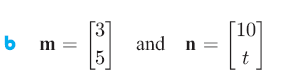




***Example 2 (with Teacher)( Second Idea)***



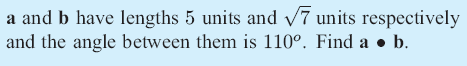
**Practice (2) Pairs activity**



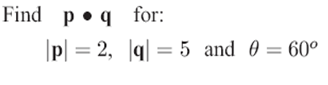
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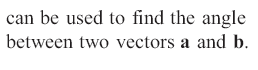
***Example 3 (with Teacher)(Third Idea)***

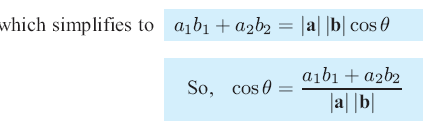


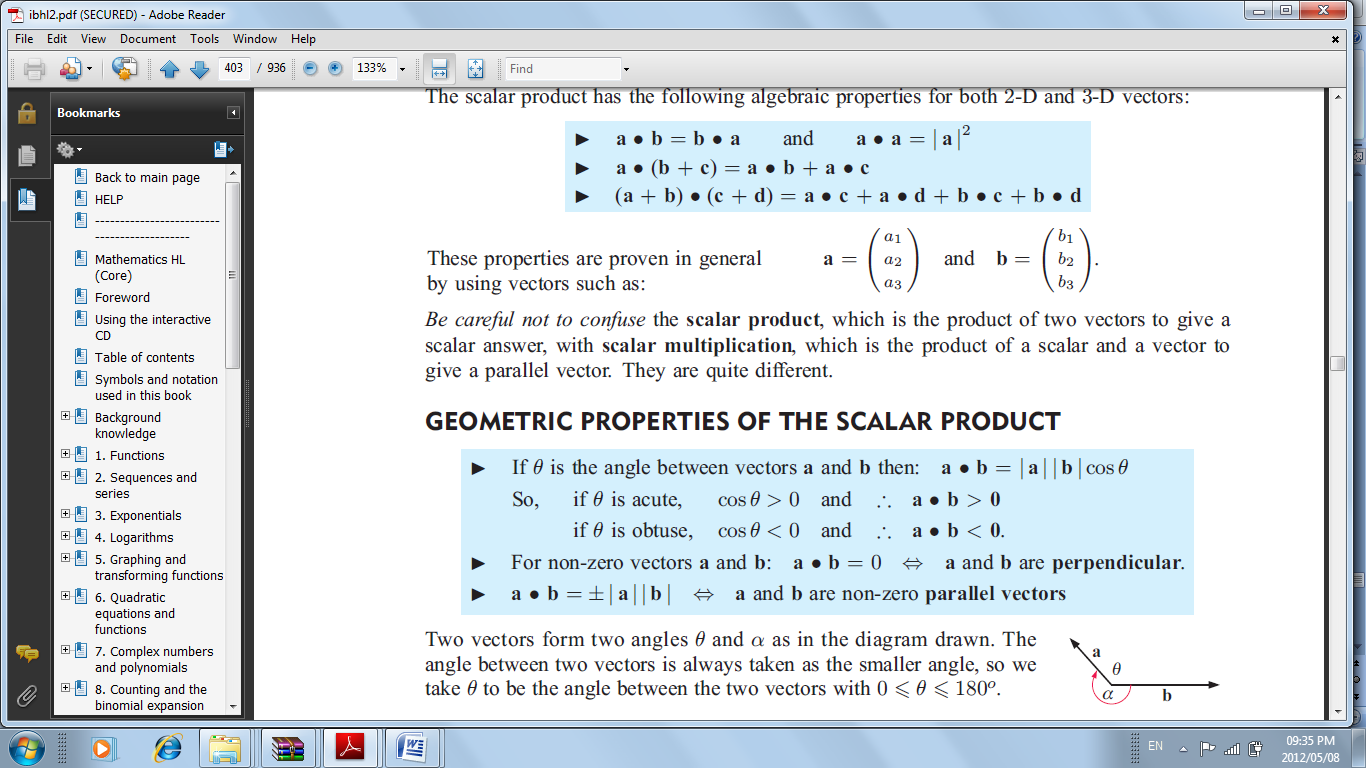
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**Practice (3) Pairs activity**

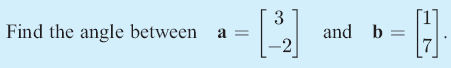
**Angle between two vectors**



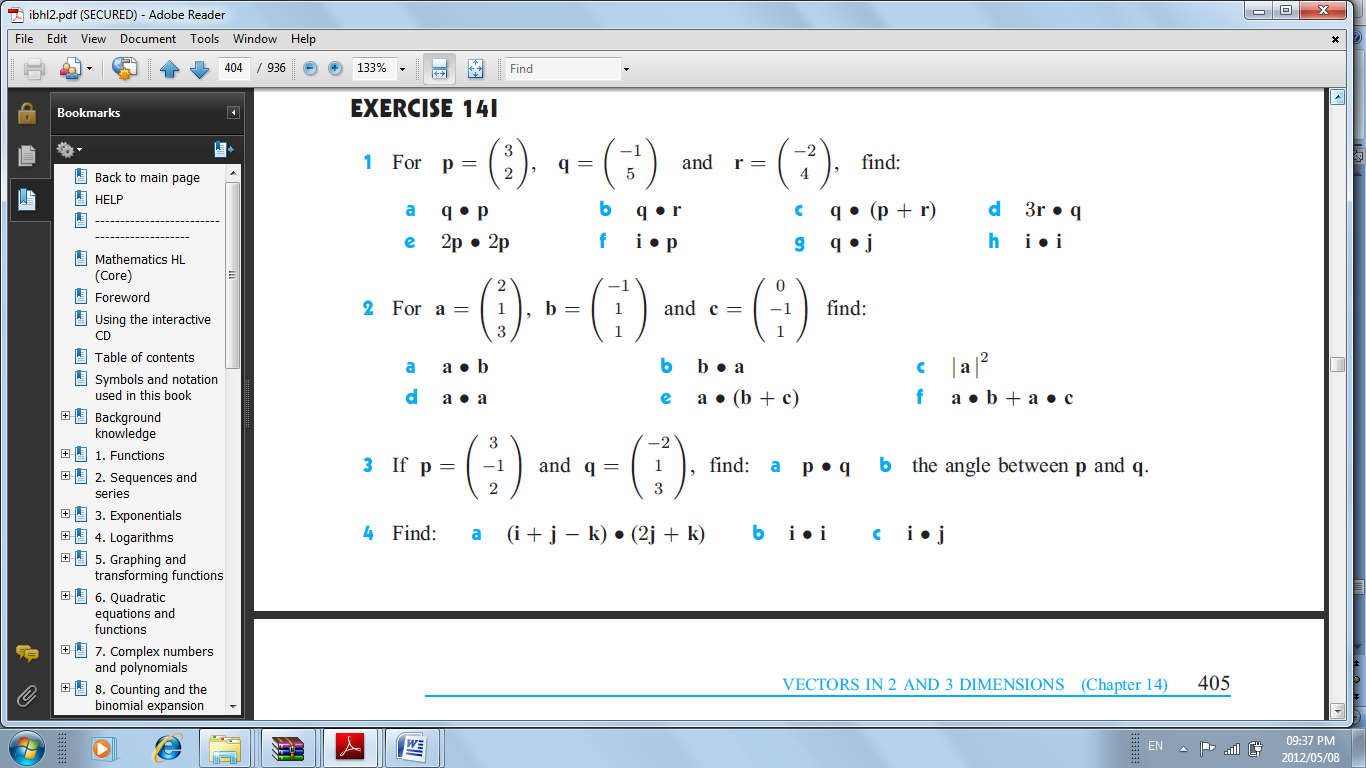


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***Example 4 (with Teacher)(Forth Idea)***



***Practice:***



Find angle between vector A=

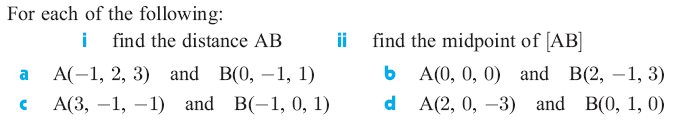
***..........................................................................................***

**Distance and Midpoints**





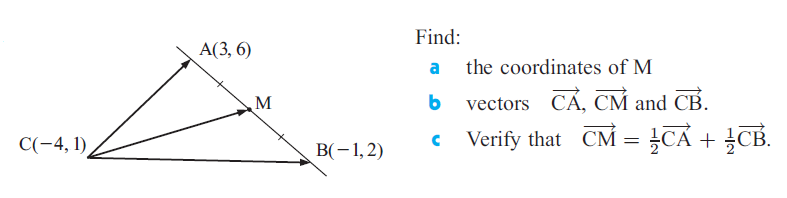




***Practice(2) Individual activity:***

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***Practice(3) pairs activity:***

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**Reference: Textbook Mathematics HL page(372-415)chapter 14**