Mathematics Class Slides
Bronx Early College Academy

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22 October - 2 November 2018

3b.1 Drui - Vector arithmetic, Friday Nov 16
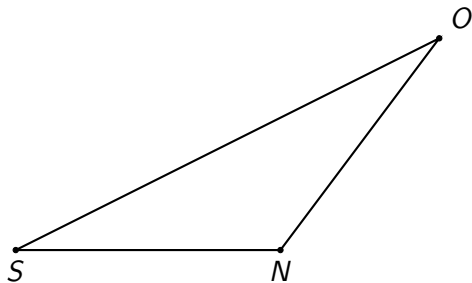
3b.2 Drui - Vector arithmetic, Monday Nov 19

GQ: How do we find the angle between vectors?

CCSS: HSG.SRT.D11 Apply the law of cosines   3b.1 Friday Nov 16

Do Now: Given $\triangle SNO$ with $S(2, 1), N(7, 1), O(10, 5)$.

1. Write down the law of cosines
2. Find the lengths SN and SO
3. Given $m\angle S = 26.6°$, find NO

Lesson: Law of cosines, the scalar product
Homework exercise 12I pp. 428-9

GQ: How do we find the angle between vectors?
CCSS: HSG.SRT.D11 Apply the law of cosines   3b.2 Monday Nov 19

Do Now: Exam Style Question #5 p 439.

Lesson: Practice with the law of cosines, the scalar product
Homework: Calculus review problem set handout