

Mathematics Class Slides

Bronx Early College Academy

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22 October - 2 November 2018

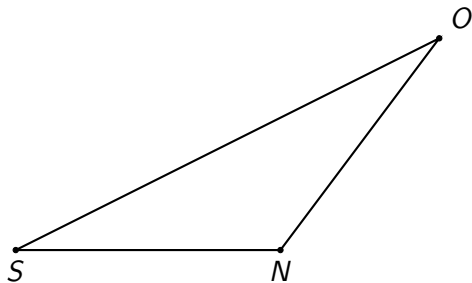
3b.1 Druil - Vector arithmetic, Friday Nov 16

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 $m\angle S = 26.6^\circ$, find NO

Lesson: Law of cosines, the scalar product

Homework exercise 12I pp. 428-9