

## CLUES – The Sound of Polynomials

**Clue #1:** Watch the **full video** about adding and simplifying polynomials.



[k20.ou.edu/Polynomials](https://k20.ou.edu/Polynomials)

**Clue #2:** Watch the **full video** about adding and simplifying polynomials.



[k20.ou.edu/PolynomialSteps](https://k20.ou.edu/PolynomialSteps)

Then watch the **full video** about subtracting polynomials.



[k20.ou.edu/PolynomialSubtract](https://k20.ou.edu/PolynomialSubtract)

**Clue #3:** Watch the video from the **beginning to 5:11** to learn about the two methods for adding polynomials: the horizontal method and the vertical method.



[k20.ou.edu/AddingMethods](https://k20.ou.edu/AddingMethods)

**Clue #4:** Watch the video from the **beginning to 4:30** to learn about subtracting polynomials using the horizontal method.



[k20.ou.edu/SubHorizontal](https://k20.ou.edu/SubHorizontal)

Then watch the **full video** about subtracting polynomials using the vertical method.



[k20.ou.edu/SubVertical](https://k20.ou.edu/SubVertical)

## Sources:

### Clue #1

*Khan Academy. (2021, January 27). The parts of polynomial expressions: Polynomial and rational functions: Algebra II: Khan Academy. YouTube. <https://youtu.be/REiDXCNOIGU>*

### Clue #2

*Teachings in Education. (2019, October 26). Adding polynomials: Algebra animations. [Video]. YouTube. <https://www.youtube.com/watch?v=9y4nsLOBy08>*

*Teachings in Education. (2019, October 26). Subtracting polynomials: Algebra animations. [Video]. YouTube. <https://www.youtube.com/watch?v=7GtBobbFrB4>*

### Clue #3

*Sine of Our Time. (2022, April 10). Adding polynomials using the Horizontal & Vertical Method. [Video]. YouTube. <https://www.youtube.com/watch?v=8KXDtgKmESk>*

### Clue #4

*Eat Pi. (2021, March 21). How to subtract polynomials | Algebra I. [Video]. YouTube. <https://www.youtube.com/watch?v=Wpm4cZHu0s8>*

*CK-12 Foundation. (2017, June 19). Adding and subtracting polynomials vertically. [Video]. YouTube. [https://www.youtube.com/watch?v=FYk\\_PxwANSE](https://www.youtube.com/watch?v=FYk_PxwANSE)*