



Yang Academy

Algebra 1 Camp

Mon – Fri, 8:30 PM – 12:30 PM, in person

For rising **6th-9th** graders

Optional homework help: **4:30PM – 6:30PM, virtual**

Students will learn about and practice working with the following topics: real numbers, polynomials and factoring, fractions and their applications, introduction to functions, systems of linear equations, inequalities, rational and irrational numbers, and introductory statistics and probability.

Please contact us if a student is taking this course for high school credit.

Sample questions:

- Simplify: $\frac{1}{a-1} + \frac{2}{b+3}$
- Solve for x : $\frac{3}{7}x - \frac{2}{3} = \frac{1}{4}x + 1$
- Solve for x : $3x^2 - 5x - 2 = 0$
- Sketch the graphs of $y = 5x + 1$ and $y = 3x^2 - 1$ on the same set of axes. Determine the point(s) of intersection.
- Five liters of solution are 20% salt. How many liters of water must be added to reduce the concentration of salt to 10%?

Dates:

June 21st- Aug 6th 2021

(No class July 5th)

Tuition: \$2100 per student

Contact us for enrollment information:

301-294-0811

ya@yangacademy.com

www.yangacademy.com