

Summer Math Maintenance

Geometry for placement in Integrated Algebra & Geometry (IAG) & Advanced Algebra (AA):

Expressions, Equations & Inequalities (both IAG and AA)

Khan Academy:

<https://www.khanacademy.org/math/algebra>

- Solving equations and inequalities (6 topics)
- Forms of Linear Equations (6 topics)

<https://www.khanacademy.org/math/geometry-home/analytic-geometry-topic/distance-and-midpoints>

- Midpoint and Distance Formula (through Quiz 1 which includes divided line segments)

IXL (license likely expires 6/30)

- Algebra B.6, B.7; I.8, I.9, J.11,
- Geometry B.7, B.8 and B.9

Exponent & Radical Expressions (both IAG & AA)

Khan Academy:

<https://www.khanacademy.org/math/algebra>

- Exponents & Radical Expressions (three topics)

IXL (license likely expires 6/30)

- Algebra V.8, V.9, V.10
- Algebra EE.1 through EE.8

Quadratics, multiplying and factoring (IAG & AA differences noted)

Khan Academy:

<https://www.khanacademy.org/math/algebra>

- IAG: Quadratics, multiplying and dividing (first 5 topics)
- AA: Quadratics, multiplying and dividing (all 9 topics)
- AA: (extension... will be covered in the fall: Quadratics, functions & equations)

IXL (license likely expires 6/30)

- IAG & AA: Algebra AA.1, 2, 4, 5, 7
- AA: BB.1-16

Additional Topic (both IAG & AA): Functions

Khan Academy:

<https://www.khanacademy.org/math/algebra>

- Functions (all lessons through maximums & minimums)

IXL (license likely expires 6/30)

- Algebra X.2, X.3 & X.4