

Dear students,

Congratulations on completing the 8th grade! Over the summer, you will have to complete the following assignments to reinforce the skills you have learned over the past school year. **You will complete these assignments on Khan Academy by the due date.**

Have a safe and fun summer!

Assignments

Due Friday July 14

Two step equations

<https://www.khanacademy.org/math/algebra/one-variable-linear-equations/alg1-two-steps-equations-intro/e/linear-equations-2>

Two step equations word problems

<https://www.khanacademy.org/math/algebra/one-variable-linear-equations/alg1-linear-eg-word-probs/e/linear-equation-world-problems-2>

Equations with variables on both sides

<https://www.khanacademy.org/math/algebra/one-variable-linear-equations/alg1-variables-on-both-sides/e/linear-equations-3>

Equations with variables on both sides: decimals & fractions

<https://www.khanacademy.org/math/algebra/one-variable-linear-equations/alg1-variables-on-both-sides/e/variables-on-both-sides-rational>

Equations with parentheses

<https://www.khanacademy.org/math/algebra/one-variable-linear-equations/alg1-equations-with-parentheses/e/multistep-equations-with-distribution>

Due Friday August 4

Systems of equations with substitution

<https://www.khanacademy.org/math/algebra/systems-of-linear-equations/solving-systems-of-equations-with-substitution/e/systems-of-equations-with-substitution>

Systems of equations with elimination

<https://www.khanacademy.org/math/algebra/systems-of-linear-equations/equivalent-systems-of-equations/e/systems-of-equations-with-elimination-0.5>

Systems of equations word problems

<https://www.khanacademy.org/math/algebra/systems-of-linear-equations/systems-of-linear-equations-word-problems/e/understanding-systems-of-equations-word-problems>

Graph from slope-intercept form

<https://www.khanacademy.org/math/algebra/two-var-linear-equations/graphing-slope-intercept-equations/e/graph-from-slope-intercept-equation>

Graphing linear functions word problems

<https://www.khanacademy.org/math/algebra/linear-word-problems/constructing-linear-models/e/graphing-linear-functions-word-problems>

Due Friday August 25

Writing linear functions word problems

<https://www.khanacademy.org/math/algebra/linear-word-problems/constructing-linear-models/e/constructing-linear-functions-word-problems>

Distance between two points

https://www.khanacademy.org/math/basic-geo/basic-geometry-pythagorean-theorem/pythagorean-theorem-distance/e/distance_formula

Describing trends in scatter plots

<https://www.khanacademy.org/math/probability/scatterplots-a1/creating-interpreting-scatterplots/e/interpreting-scatter-plots>

Two-step inequality word problems

<https://www.khanacademy.org/math/algebra/one-variable-linear-inequalities/alg1-two-step-inequalities/e/interpreting-solving-linear-inequalities>

Add and subtract fractions word problems

<https://www.khanacademy.org/math/arithmetic/fraction-arithmetic/arith-review-add-sub-frac-word-probs/e/adding-and-subtracting-fractions-with-unlike-denominators-word-problems>