

CL 8- Math- LUSD 2014/2015 Online Resources

MT: Expressions and Equations

	Learn	Practice
<p>Target 1: Apply the properties of integer exponents to generate equivalent numerical expressions. (M.8.EE.1)</p>	<ul style="list-style-type: none"> • http://quizlet.com/40569230/expressions-and-equations-m8ee1-flash-cards/ • https://www.khanacademy.org/math/arithmetic/exponents-radicals/world-of-exponents/v/understanding-exponents-2 • http://learnzillion.com/lessons/1512-represent-repeated-multiplication-using-exponents • https://www.khanacademy.org/math/arithmetic/exponents-radicals/world-of-exponents/v/understanding-exponents • https://www.khanacademy.org/math/arithmetic/exponents-radicals/world-of-exponents/v/raising-a-number-to-the-0th-and-1st-power • https://www.khanacademy.org/math/algebra/exponent-equations/alg-integer-exponents/v/introduction-to-negative-exponents • https://www.khanacademy.org/math/arithmetic/exponents-radicals/world-of-exponents/v/powers-of-fractions • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-numbers-operations/cc-8th-exponent-properties/v/exponent-properties-involving-products • https://www.khanacademy.org/math/algebra/exponent-equations/alg-integer-exponents/v/products-and-exponents-raised-to-an-exponent-properties • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-numbers-operations/cc-8th-exponent-properties/v/exponent-properties-involving-quotients • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-numbers-operations/cc-8th-exponent-properties/v/exponent-rules-part-1 • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-numbers-operations/cc-8th-exponent-properties/v/exponent-rules-part-2 	<ul style="list-style-type: none"> • https://www.khanacademy.org/math/arithmetic/exponents-radicals/world-of-exponents/e/positive_and_zero_exponents • https://www.khanacademy.org/math/arithmetic/exponents-radicals/world-of-exponents/e/exponents_1.5 • https://www.khanacademy.org/math/arithmetic/exponents-radicals/world-of-exponents/e/exponents_1 • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-numbers-operations/cc-8th-exponent-properties/e/exponent_rules • https://www.khanacademy.org/math/algebra/exponent-equations/alg-integer-exponents/e/properties-of-integer-exponents
<p>Target 2: Use square root and cube root symbols to represent solutions to equations of the form $x^2=p$ and</p>	<ul style="list-style-type: none"> • http://quizlet.com/40570100/expressions-and-equations-m8ee2-flash-cards/ • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-numbers-operations/cc-8th-irrational-numbers/v/introduction-to-rational-and-irrational-numbers • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-numbers-operations/cc-8th-irrational-numbers/v/introduction-to-rational-and-irrational-numbers 	<ul style="list-style-type: none"> • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-numbers-operations/cc-8th-irrational-numbers/e/recognizing-rational-and-irrational-numbers • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-numbers-operations/cc-8th-roots/e/square_roots • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-

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<p>$x^3=p$, where p is a positive rational number. Evaluate square roots of small perfect squares and cube roots of small perfect cubes. Know that $\sqrt{2}$ is irrational. (M.8.EE.2)</p>	<p>numbers-operations/cc-8th-irrational-numbers/v/recognizing-irrational-numbers</p> <ul style="list-style-type: none"> • http://learnzillion.com/lessons/2902-distinguish-between-rational-and-irrational-numbers • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-numbers-operations/cc-8th-roots/v/understanding-square-roots • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-numbers-operations/cc-8th-roots/v/finding-cube-roots • http://learnzillion.com/lessons/185-solve-problems-with-inverse-of-squares-and-square-roots • http://learnzillion.com/lessons/1810-find-the-square-root-of-a-perfect-square • http://learnzillion.com/lessons/183-find-square-roots-of-perfect-squares • http://learnzillion.com/lessons/182-identify-perfect-squares-and-find-square-roots • http://learnzillion.com/lessons/188-identify-perfect-cubes-and-find-cube-roots • http://learnzillion.com/lessons/186-solve-equations-with-squares-and-square-roots • http://learnzillion.com/lessons/189-solve-equations-with-cubes-and-cube-roots • https://www.khanacademy.org/math/arithmetic/exponents-radicals/radical-radicals/v/approximating-square-roots • https://www.khanacademy.org/math/arithmetic/exponents-radicals/radical-radicals/v/simplifying-square-roots-1 • http://www.ck12.org/algebra/Square-Roots-and-Irrational-Numbers/lesson/Square-Roots-and-Irrational-Numbers/r18/ • http://www.ck12.org/algebra/Square-Roots-and-Irrational-Numbers/lesson/Square-Roots-and-Irrational-Numbers-Intermediate/r12/ • http://www.ck12.org/algebra/Square-Roots-and-Irrational-Numbers/lecture/Square-Roots-An-Explanation-of-the-Concept/r1/ 	<p>numbers-operations/cc-8th-roots/e/cube_roots</p> <ul style="list-style-type: none"> • http://www.ck12.org/algebra/Evaluation-of-Perfect-Square-Roots/ • http://www.ixl.com/math/grade-8/square-roots-of-perfect-squares • http://www.ixl.com/math/grade-8/cube-roots-of-perfect-cubes • https://www.khanacademy.org/math/arithmetic/exponents-radicals/radical-radicals/e/square_roots • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-numbers-operations/cc-8th-roots/e/cube_roots • http://www.ck12.org/algebra/Evaluation-of-Perfect-Square-Roots/ • https://www.khanacademy.org/math/arithmetic/exponents-radicals/radical-radicals/e/square_roots_2 • http://www.ck12.org/assessment/ui/build-20140410183904/views/test.view.new.html?practice/Square-Roots-and-Irrational-Numbers-Practice?type=practice&referrer=practice_badge&ep=http://www.ck12.org/algebra/Square-Roots-and-Irrational-Numbers/ • http://www.ixl.com/math/grade-8/estimate-positive-and-negative-square-roots • http://www.ixl.com/math/grade-8/estimate-cube-roots
<p>Target 3: Perform operations with numbers expressed in scientific notation, including problems where both decimal and scientific notation</p>	<ul style="list-style-type: none"> • http://quizlet.com/40570934/expressions-and-equations-m8ee4-flash-cards/ • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-numbers-operations/cc-8th-scientific-notation/v/scientific-notation--old • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-numbers-operations/cc-8th-scientific-notation/v/scientific-notation • http://learnzillion.com/lessons/1177-write-large-numbers-in-scientific-notation 	<ul style="list-style-type: none"> • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-numbers-operations/cc-8th-scientific-notation/e/scientific_notation_intuition • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-numbers-operations/cc-8th-scientific-notation/e/scientific_notation • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-numbers-operations/cc-8th-orders-of-magnitude/e/orders-of-magnitude • http://janus.astro.umd.edu/cgi-bin/astro/scinote.pl • http://www.ixl.com/math/grade-8/convert-between-standard-and-

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<p>are used. Use scientific notation and choose units of appropriate size for measurements of very large or very small quantities. Interpret scientific notation that has been generated by technology. (M.8.EE.4)</p>	<ul style="list-style-type: none"> • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-numbers-operations/cc-8th-scientific-notation/v/scientific-notation-examples • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-numbers-operations/cc-8th-scientific-notation/v/scientific-notation-i • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-numbers-operations/cc-8th-scientific-notation/v/scientific-notation-example-2 • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-numbers-operations/cc-8th-orders-of-magnitude/v/orders-of-magnitude-exercise-example-1 • http://learnzillion.com/lessons/1255-write-small-numbers-in-scientific-notation • http://learnzillion.com/lessons/180-convert-from-standard-to-scientific-notation • http://learnzillion.com/lessons/1258-compare-large-numbers-using-scientific-notation • http://learnzillion.com/lessons/1313-divide-numbers-in-scientific-notation • http://learnzillion.com/lessons/1293-multiply-numbers-in-scientific-notation • http://learnzillion.com/lessons/1302-use-scientific-notation-to-estimate-products • http://learnzillion.com/lessons/1327-use-scientific-notation-to-estimate-quotients • http://learnzillion.com/lessons/181-multiply-numbers-expressed-in-scientific-notation • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-numbers-operations/cc-8th-scientific-notation-compu/v/multiplying-in-scientific-notation • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-numbers-operations/cc-8th-scientific-notation-compu/v/scientific-notation-3--new • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-numbers-operations/cc-8th-scientific-notation-compu/v/multiplying-and-dividing-in-scientific-notation • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-numbers-operations/cc-8th-scientific-notation-compu/v/simplifying-a-complicated-expression-into-scientific-notation • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th- 	<p>scientific-notation</p> <ul style="list-style-type: none"> • http://www.ck12.org/algebra/Comparison-of-Numbers-in-Scientific-Notation/ • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-numbers-operations/cc-8th-orders-of-magnitude/v/orders-of-magnitude-exercise-example-2 • http://www.ixl.com/math/grade-8/compare-numbers-written-in-scientific-notation • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-numbers-operations/cc-8th-scientific-notation-compu/e/multiplying_and_dividing_scientific_notation • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-numbers-operations/cc-8th-scientific-notation-compu/e/computing-in-scientific-notation • http://www.ixl.com/math/grade-8/multiply-numbers-written-in-scientific-notation • http://www.ixl.com/math/grade-8/divide-numbers-written-in-scientific-notation • http://www.ck12.org/algebra/Scientific-Notation-with-a-Calculator/
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	<p>numbers-operations/cc-8th-scientific-notation-compu/v/calculating-red-blood-cells-in-the-body-using-scientific-notation</p> <ul style="list-style-type: none"> • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-numbers-operations/cc-8th-scientific-notation-compu/v/scientific-notation-3 • http://www.ck12.org/algebra/Scientific-Notation-with-a-Calculator/lesson/Scientific-Notation-with-a-Calculator/r19/ • http://www.ck12.org/algebra/Scientific-Notation-with-a-Calculator-Intermediate/r9/ 	
<p>Target 4: Use similar triangles to explain why the slope m is the same between any two distinct points on a non-vertical line in the coordinate plane; derive the equation $y=mx$ for a line through the origin and the equation $y=mx+b$ for a line intercepting the vertical axis at b. (M.8.EE.6)</p>	<ul style="list-style-type: none"> • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-relationships-functions/cc-8th-graphing-prop-rel/v/graphing-proportional-relationships-example • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-relationships-functions/cc-8th-slope/v/slope-example • https://www.khanacademy.org/math/cc-seventh-grade-math/cc-7th-ratio-proportion/cc-7th-proportional-rel/v/analyzing-and-identifying-proportional-relationships-ex1 • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-relationships-functions/cc-8th-graphing-prop-rel/v/graphing-proportional-relationships-example-2 • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-relationships-functions/cc-8th-graphing-prop-rel/v/graphing-proportional-relationships-example-3 • https://www.khanacademy.org/math/cc-seventh-grade-math/cc-7th-ratio-proportion/cc-7th-proportional-rel/v/comparing-proportional-relationships • https://www.khanacademy.org/math/cc-seventh-grade-math/cc-7th-ratio-proportion/cc-7th-proportional-rel/v/analyzing-and-identifying-proportional-relationships-ex2 • http://learnzillion.com/lessons/1199-compare-proportional-relationships • http://learnzillion.com/lessons/1536-compare-rates-of-speed-by-comparing-equations-that-represent-the-relationship-between-distance-and-time • http://learnzillion.com/lessons/1534-determine-the-best-deal-by-comparing-equations • http://www.ck12.org/na/Identifying-Proportional-Relationships-and-the-Constant-of-Proportionality-7.RP.2a%2Cb-2/lesson/user%3Ac2ZveDJA3N3ZWdvLm9yZw../Identifying-Proportional-Relationships-and-the-Constant-of-Proportionality- 	<ul style="list-style-type: none"> • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-relationships-functions/cc-8th-graphing-prop-rel/e/graphing-proportional-relationships • http://www.ixl.com/math/grade-7/identify-proportional-relationships • http://www.ixl.com/math/grade-8/graph-a-proportional-relationship • https://www.khanacademy.org/math/cc-seventh-grade-math/cc-7th-ratio-proportion/cc-7th-proportional-rel/e/analyzing-and-identifying-proportional-relationships • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-relationships-functions/cc-8th-similarity-slope/e/slope-and-triangle-similarity • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-relationships-functions/cc-8th-slope/e/slope_of_a_line • http://www.ixl.com/math/grade-8/graph-a-proportional-relationship • http://www.ixl.com/math/grade-8/write-an-equation-for-a-proportional-relationship • http://www.ixl.com/math/grade-8/find-the-slope-of-a-graph • http://www.ixl.com/math/grade-8/find-slope-from-two-points • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-relationships-functions/cc-8th-slope/e/line_graph_intuition • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-relationships-functions/cc-8th-slope/e/graphing_linear_equations • http://www.ck12.org/algebra/Graphs-Using-Slope-Intercept-Form/ • http://www.ixl.com/math/grade-8/write-a-rule-for-a-function-table • http://www.ixl.com/math/grade-8/graph-a-line-from-an-equation •

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	<p>7.RP.2a%252Cb/</p> <ul style="list-style-type: none">• https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-relationships-functions/cc-8th-similarity-slope/v/similar-triangles-to-prove-that-the-slope-is-constant-for-a-line• https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-relationships-functions/cc-8th-similarity-slope/v/slope-and-triangle-similarity-1• https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-relationships-functions/cc-8th-similarity-slope/v/slope-and-triangle-similarity-2• https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-relationships-functions/cc-8th-similarity-slope/v/slope-and-triangle-similarity-3• https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-relationships-functions/cc-8th-similarity-slope/v/slope-and-triangle-similarity-4• http://learnzillion.com/lessons/1473-derive-y-m-x-b-using-similar-triangles• http://learnzillion.com/lessons/1414-describe-a-line-with-a-unique-slope• https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-relationships-functions/cc-8th-slope/v/slope-of-a-line• https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-relationships-functions/cc-8th-slope/v/slope-of-a-line-2• https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-relationships-functions/cc-8th-slope/v/graphical-slope-of-a-line• https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-relationships-functions/cc-8th-slope/v/slope-of-a-line-3• https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-relationships-functions/cc-8th-slope/v/slope-and-rate-of-change• https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-relationships-functions/cc-8th-slope/v/slope-and-y-intercept-intuition• http://www.ck12.org/algebra/Graphs-Using-Slope-Intercept-Form/lesson/Graphs-Using-Slope-Intercept-Form/r20/• http://www.ck12.org/algebra/Graphs-Using-Slope-Intercept-Form/lesson/Graphs-Using-Slope-Intercept-Form-Intermediate/r11/• http://www.ck12.org/algebra/Graphs-Using-Slope-Intercept-Form/lesson/Graph-a-Line-in-Slope-Intercept-Form/r7/• http://learnzillion.com/lessons/1473-derive-y-m-x-b-using-similar-triangles• https://www.youtube.com/watch?v=-Kk_NfgZALI	
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Target 5: Solve linear equations in one variable. (M.8.EE.7)

- <http://quizlet.com/40652865/expressions-and-equations-m8ee7-flash-cards/>
- <http://www.ck12.org/section/Solving-Linear-Equations-in-One-Variable-using-Integers/>
- <https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-solving-equations/cc-8th-linear-equations/v/equations-3>
- <https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-solving-equations/cc-8th-linear-equations/v/multi-step-equations-1>
- <https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-solving-equations/cc-8th-linear-equations/v/solving-equations-2>
- <https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-solving-equations/cc-8th-equations-distribution/v/equation-special-cases>
- <https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-solving-equations/cc-8th-equations-distribution/v/ex-2-multi-step-equation>
- <https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-solving-equations/cc-8th-equations-distribution/v/solving-equations-with-the-distributive-property>
- <https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-solving-equations/cc-8th-equations-distribution/v/solving-equations-with-the-distributive-property-2>
- <https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-solving-equations/cc-8th-equations-distribution/v/multi-step-equations>
- <https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-solving-equations/cc-8th-equations-distribution/v/multi-step-equations-2>
- <https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-solving-equations/cc-8th-equations-distribution/v/equations-with-variables-on-both-sides>
- <http://www.ck12.org/section/Solving-Linear-Equations-%253A%25Aof%253A%253A-Equations-and-Inequalities/>
- <https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-solving-equations/cc-8th-age-word-problems/v/ex-1-age-word-problem>
- <https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-solving-equations/cc-8th-age-word-problems/v/ex-2-age-word-problem>
- <https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-solving-equations/cc-8th-age-word-problems/v/ex-3-age-word-problem>
- https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-solving-equations/cc-8th-linear-equations/e/linear_equations_3
- https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-solving-equations/cc-8th-equations-distribution/e/multistep_equations_with_distribution
- https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-solving-equations/cc-8th-age-word-problems/e/age_word_problems
- <http://www.ixl.com/math/grade-8/solve-multi-step-equations>
- <http://www.ixl.com/math/grade-8/solve-equations-involving-like-terms>
- https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-solving-equations/cc-8th-linear-equations/e/linear_equations_3
- https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-solving-equations/cc-8th-equations-distribution/e/multistep_equations_with_distribution
- <http://www.ixl.com/math/grade-8/solve-one-step-linear-equations>
- <http://www.ixl.com/math/grade-8/solve-two-step-linear-equations>
- <http://www.ixl.com/math/grade-8/solve-multi-step-equations>
- <http://www.ixl.com/math/grade-8/solve-equations-involving-like-terms>
- <https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-solving-equations/cc-8th-equation-solutions/e/solutions-to-linear-equations>
- <http://www.ixl.com/math/grade-8/identities-and-equations-with-no-solutions>

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	<ul style="list-style-type: none"> • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-solving-equations/cc-8th-equations-distribution/v/equation-special-cases • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-solving-equations/cc-8th-equations-distribution/v/ex-2-multi-step-equation • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-solving-equations/cc-8th-equations-distribution/v/solving-equations-with-the-distributive-property • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-solving-equations/cc-8th-equations-distribution/v/solving-equations-with-the-distributive-property-2 • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-solving-equations/cc-8th-equations-distribution/v/multi-step-equations • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-solving-equations/cc-8th-equations-distribution/v/multi-step-equations-2 • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-solving-equations/cc-8th-equations-distribution/v/equations-with-variables-on-both-sides • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-solving-equations/cc-8th-equation-solutions/v/number-of-solutions-to-linear-equations • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-solving-equations/cc-8th-equation-solutions/v/number-of-solutions-to-linear-equations-ex-2 • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-solving-equations/cc-8th-equation-solutions/v/number-of-solutions-to-linear-equations-ex-3 • http://learnzillion.com/lessons/2888-understand-nosolution-equations • http://learnzillion.com/lessons/2734-understand-onesolution-equations • http://learnzillion.com/lessons/2950-understand-infinitesolution-equations • http://learnzillion.com/lessons/2889-determine-the-number-of-solutions-an-equation-has-by-recognizing-patterns 	
<p>Target 6: Solve systems of two linear equations in two</p>	<ul style="list-style-type: none"> • http://quizlet.com/40653519/expressions-and-equations-m8ee8b-flash-cards/ • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-solutions/v/inconsistent-systems-of- 	<ul style="list-style-type: none"> • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-solutions/e/graphical-solutions-to-systems • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-

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<p>variables algebraically, and estimate solutions by graphing the equations. Solve simple cases by inspection. (M.8.EE.8b)</p>	<p>equations</p> <ul style="list-style-type: none"> • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-solutions/v/infinite-solutions-to-systems • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-solutions/v/consistent-and-inconsistent-systems • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-solutions/v/independent-and-dependent-systems • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-solutions/v/practice-thinking-about-number-of-solutions-to-systems • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-word-problems/v/understanding-systems-of-equations-example-2 • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-overview/v/solving-systems-graphically • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-graphically/v/solving-linear-systems-by-graphing • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-graphically/v/graphings-systems-of-equations • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-graphically/v/graphical-systems-application-problem • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-graphically/v/solving-systems-by-graphing-2 • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-graphically/v/solving-systems-by-graphing-3 • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-overview/v/solving-systems-graphically • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-graphically/v/solving-linear-systems-by-graphing • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-graphically/v/testing-a-solution-for-a 	<p>solutions/e/solutions_to_systems_of_equations</p> <ul style="list-style-type: none"> • http://www.ixl.com/math/grade-8/find-the-number-of-solutions-to-a-system-of-equations • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-overview/e/graphing_systems_of_equations • http://www.ck12.org/algebra/Graphs-of-Linear-Systems/ • http://www.ixl.com/math/grade-8/solve-a-system-of-equations-by-graphing • http://www.ixl.com/math/grade-8/solve-a-system-of-equations-by-graphing-word-problems • http://www.ixl.com/math/grade-8/find-the-number-of-solutions-to-a-system-of-equations-by-graphing • http://www.ixl.com/math/grade-8/is-x-y-a-solution-to-the-system-of-equations • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-overview/e/graphing_systems_of_equations • http://www.ck12.org/algebra/Graphs-of-Linear-Systems/ • http://www.ixl.com/math/grade-8/solve-a-system-of-equations-by-graphing • http://www.ixl.com/math/grade-8/solve-a-system-of-equations-by-graphing-word-problems • http://www.ixl.com/math/grade-8/find-the-number-of-solutions-to-a-system-of-equations-by-graphing • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-elimination/e/systems_of_equations_with_elimination_0.5 • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-elimination/e/systems_of_equations_with_elimination • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-overview/e/systems_of_equations_with_substitution • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-overview/e/systems_of_equations • http://www.ixl.com/math/grade-8/solve-a-system-of-equations-using-substitution • http://www.ixl.com/math/grade-8/solve-a-system-of-equations-using-elimination •
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	<p>system-of-equations</p> <ul style="list-style-type: none">• https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-graphically/v/graphings-systems-of-equations• https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-graphically/v/graphical-systems-application-problem• https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-graphically/v/solving-systems-by-graphing-2• https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-graphically/v/solving-systems-by-graphing-3• https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-elimination/v/solving-systems-by-elimination -• https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-elimination/v/solving-systems-by-elimination-2• https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-elimination/v/addition-elimination-method-1• https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-elimination/v/addition-elimination-method-2• https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-elimination/v/addition-elimination-method-3• https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-elimination/v/addition-elimination-method-4• https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-elimination/v/solving-systems-by-elimination-3• https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-elimination/v/simple-elimination-practice• https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-elimination/v/systems-with-elimination-practice• https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-overview/v/king-s-cupcakes---solving-	
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	<p>systems-by-elimination -</p> <ul style="list-style-type: none"> • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-overview/v/how-many-bags-of-potato-chips-do-people-eat - • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-overview/v/simple-elimination-practice • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-overview/v/solving-systems-with-substitution - • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-overview/v/practice-using-substitution-for-systems • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-with-substitution/v/solving-systems-by-substitution-1 • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-with-substitution/v/solving-systems-by-substitution-2 • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-with-substitution/v/solving-systems-by-substitution-3 • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-with-substitution/v/the-substitution-method • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-with-substitution/v/substitution-method-2 • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-with-substitution/v/substitution-method-3 - • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-with-substitution/v/practice-using-substitution-for-systems 	
<p>Target 7: Solve real-world and mathematical problems leading to two linear equations</p>	<p>http://quizlet.com/40653757/expressions-and-equations-m8ee8c-flash-cards/</p> <ul style="list-style-type: none"> • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-elimination/v/solving-systems-by-elimination • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th- 	<ul style="list-style-type: none"> • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-overview/e/systems_of_equations_word_problems • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-word-problems/e/systems_of_equations_word_problems

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<p>in two variables. (M.8.EE.8c)</p>	<ul style="list-style-type: none"> • systems-topic/cc-8th-systems-overview/v/king-s-cupcakes---solving-systems-by-elimination • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-with-substitution/v/substitution-method-3 • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-overview/v/how-many-bags-of-potato-chips-do-people-eat • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-overview/v/solving-systems-with-substitution • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-graphically/v/graphical-systems-application-problem • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-word-problems/v/using-a-system-of-equations-to-find-the-price-of-apples-and-oranges • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-word-problems/v/algebraic-word-problem • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-word-problems/v/understanding-systems-of-equations-example • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-elimination/v/solving-systems-by-elimination • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-overview/v/king-s-cupcakes---solving-systems-by-elimination • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-with-substitution/v/substitution-method-3 • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-overview/v/how-many-bags-of-potato-chips-do-people-eat • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-overview/v/solving-systems-with-substitution • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-graphically/v/graphical-systems-application-problem • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th- 	<ul style="list-style-type: none"> • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-word-problems/e/understanding-systems-of-equations-word-problems • http://www.ixl.com/math/grade-8/solve-a-system-of-equations-using-substitution-word-problems • http://www.ixl.com/math/grade-8/solve-a-system-of-equations-using-elimination-word-problems • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-overview/e/systems_of_equations_word_problems • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-word-problems/e/systems_of_equations_word_problems • https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-word-problems/e/understanding-systems-of-equations-word-problems • http://www.ixl.com/math/grade-8/solve-a-system-of-equations-using-substitution-word-problems • http://www.ixl.com/math/grade-8/solve-a-system-of-equations-using-elimination-word-problems
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	<p>systems-topic/cc-8th-systems-word-problems/v/using-a-system-of-equations-to-find-the-price-of-apples-and-oranges</p> <ul style="list-style-type: none">• https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-word-problems/v/algebraic-word-problem• https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-word-problems/v/understanding-systems-of-equations-example	
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