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| [**V.1**Write variable expressions](https://www.ixl.com/math/grade-8/write-variable-expressions) | 1. [**W.1**Which x satisfies an equation?](https://www.ixl.com/math/grade-8/which-x-satisfies-an-equation) | [**Y.1**Find the slope of a graph](https://www.ixl.com/math/grade-8/find-the-slope-of-a-graph) | [**Z.2**Does (x, y) satisfy the linear function?](https://www.ixl.com/math/grade-8/does-x-y-satisfy-the-linear-function) |
| [**V.2**Write variable expressions from diagrams](https://www.ixl.com/math/grade-8/write-variable-expressions-from-diagrams) | [report](https://www.ixl.com/analytics/skill-diagnostics#skill=2020002035&timePeriod=5)[**W.2**Write an equation from words](https://www.ixl.com/math/grade-8/write-an-equation-from-words) | [**Y.2**Find the slope from two points](https://www.ixl.com/math/grade-8/find-the-slope-from-two-points) | [**Z.3**Identify independent and dependent variables](https://www.ixl.com/math/grade-8/identify-independent-and-dependent-variables) |
| 1. [**V.3**Write variable expressions: word problems](https://www.ixl.com/math/grade-8/write-variable-expressions-word-problems) | 1. [**W.3**Model and solve equations using algebra tiles](https://www.ixl.com/math/grade-8/model-and-solve-equations-using-algebra-tiles) | [**Y.3**Find a missing coordinate using slope](https://www.ixl.com/math/grade-8/find-a-missing-coordinate-using-slope) | [**Z.4**Rate of change](https://www.ixl.com/math/grade-8/rate-of-change) |
| **[V.4](https://www.ixl.com/math/grade-8/evaluate-one-variable-expressions)**[Evaluate one-variable expressions](https://www.ixl.com/math/grade-8/evaluate-one-variable-expressions) | 1. [**W.4**Write and solve equations that represent diagrams](https://www.ixl.com/math/grade-8/write-and-solve-equations-that-represent-diagrams) | 1. [**Y.4**Find the slope of an equation](https://www.ixl.com/math/grade-8/find-the-slope-of-an-equation) | [**Z.5**Constant rate of change](https://www.ixl.com/math/grade-8/constant-rate-of-change) |
| 1. **[V.5](https://www.ixl.com/math/grade-8/evaluate-multi-variable-expressions)**[Evaluate multi-variable expressions](https://www.ixl.com/math/grade-8/evaluate-multi-variable-expressions) | 1. [**W.5**Properties of equality](https://www.ixl.com/math/grade-8/properties-of-equality) | 1. [**Y.5**Graph a line using slope](https://www.ixl.com/math/grade-8/graph-a-line-using-slope) | [**Z.6**Evaluate a linear function](https://www.ixl.com/math/grade-8/evaluate-a-linear-function) |
| [**V.6**Evaluate absolute value expressions](https://www.ixl.com/math/grade-8/evaluate-absolute-value-expressions) | [**W.6**Solve one-step equations](https://www.ixl.com/math/grade-8/solve-one-step-equations) | [**Y.6**Graph a line from an equation](https://www.ixl.com/math/grade-8/graph-a-line-from-an-equation) | [**Z.7**Complete a table for a linear function](https://www.ixl.com/math/grade-8/complete-a-table-for-a-linear-function) |
| [**V.8**Evaluate rational expressions](https://www.ixl.com/math/grade-8/evaluate-rational-expressions) | [**W.7**Solve two-step equations](https://www.ixl.com/math/grade-8/solve-two-step-equations) | 1. [report](https://www.ixl.com/analytics/skill-diagnostics#skill=2020000876&timePeriod=5)[**Y.7**Write a linear equation from a slope and y-intercept](https://www.ixl.com/math/grade-8/write-a-linear-equation-from-a-slope-and-y-intercept) | [**Z.8**Complete a table and graph a linear function](https://www.ixl.com/math/grade-8/complete-a-table-and-graph-a-linear-function) |
| [**V.9**Identify terms and coefficients](https://www.ixl.com/math/grade-8/identify-terms-and-coefficients) | [**W.8**Solve multi-step equations](https://www.ixl.com/math/grade-8/solve-multi-step-equations) | [**Y.8**Write a linear equation from a graph](https://www.ixl.com/math/grade-8/write-a-linear-equation-from-a-graph) | [**Z.9**Interpret the graph of a linear function: word problems](https://www.ixl.com/math/grade-8/interpret-the-graph-of-a-linear-function-word-problems) |
| [**V.11**Distributive property](https://www.ixl.com/math/grade-8/distributive-property) | [**W.9**Solve equations involving like terms](https://www.ixl.com/math/grade-8/solve-equations-involving-like-terms) | 1. [report](https://www.ixl.com/analytics/skill-diagnostics#skill=2020000881&timePeriod=5)[**Y.9**Write a linear equation from a slope and a point](https://www.ixl.com/math/grade-8/write-a-linear-equation-from-a-slope-and-a-point) | [**Z.10**Write a linear function from a table](https://www.ixl.com/math/grade-8/write-a-linear-function-from-a-table) |
| [**V.12**Write equivalent expressions using properties](https://www.ixl.com/math/grade-8/write-equivalent-expressions-using-properties) | 1. [**W.10**Solve equations with variables on both sides](https://www.ixl.com/math/grade-8/solve-equations-with-variables-on-both-sides) | 1. [report](https://www.ixl.com/analytics/skill-diagnostics#skill=2020000886&timePeriod=5)[**Y.10**Write a linear equation from two points](https://www.ixl.com/math/grade-8/write-a-linear-equation-from-two-points) | [**Z.11**Compare linear functions: graphs, tables, and equations](https://www.ixl.com/math/grade-8/compare-linear-functions-graphs-tables-and-equations) |
| [**V.13**Add and subtract like terms](https://www.ixl.com/math/grade-8/add-and-subtract-like-terms) | 1. [report](https://www.ixl.com/analytics/skill-diagnostics#skill=2020000918&timePeriod=5)[report](https://www.ixl.com/analytics/skill-diagnostics#skill=2020000919&timePeriod=5)[**W.11**Solve equations: mixed review](https://www.ixl.com/math/grade-8/solve-equations-mixed-review) | [report](https://www.ixl.com/analytics/skill-diagnostics#skill=2001000775&timePeriod=5)[**Y.11**Slopes of parallel and perpendicular lines](https://www.ixl.com/math/grade-8/slopes-of-parallel-and-perpendicular-lines) | [**Z.12**Write linear functions: word problems](https://www.ixl.com/math/grade-8/write-linear-functions-word-problems) |
| [**V.14**Add, subtract, and multiply linear expressions](https://www.ixl.com/math/grade-8/add-subtract-and-multiply-linear-expressions) | 1. [**W.12**Solve equations: word problems](https://www.ixl.com/math/grade-8/solve-equations-word-problems) | [**Z.16**Evaluate a nonlinear function](https://www.ixl.com/math/grade-8/evaluate-a-nonlinear-function) | [**Z.13**Interpret linear functions](https://www.ixl.com/math/grade-8/interpret-linear-functions) |
| [**V.16**Identify equivalent linear expressions](https://www.ixl.com/math/grade-8/identify-equivalent-linear-expressions) | 1. [**W.13**Find the number of solutions](https://www.ixl.com/math/grade-8/find-the-number-of-solutions) | [**Z.17**Find values using function graphs](https://www.ixl.com/math/grade-8/find-values-using-function-graphs) | [**Z.14**Identify linear and nonlinear functions](https://www.ixl.com/math/grade-8/identify-linear-and-nonlinear-functions) |
| 1. [report](https://www.ixl.com/analytics/skill-diagnostics#skill=2020008023&timePeriod=5)[**V.15**Factors of linear expressions](https://www.ixl.com/math/grade-8/factors-of-linear-expressions) | 1. [**W.14**Create equations with no solutions or infinitely many solutions](https://www.ixl.com/math/grade-8/create-equations-with-no-solutions-or-infinitely-many-solutions) | [**Z.18**Complete a table for a function graph](https://www.ixl.com/math/grade-8/complete-a-table-for-a-function-graph) | [**Z.15**Does (x, y) satisfy the nonlinear function?](https://www.ixl.com/math/grade-8/does-x-y-satisfy-the-nonlinear-function) |