

Grade 7 Achievement Level Descriptors
Nebraska Math Alternate Assessment

Developing	On Track	College and Career Ready Benchmark
<p>Developing learners do not yet demonstrate proficiency in the knowledge and skills necessary at this grade level, as specified in the assessed Nebraska College and Career Ready Standards. These results provide evidence that the student may need additional support for academic success at the next grade level.</p>	<p>On Track learners demonstrate proficiency in the knowledge and skills necessary at this grade level, as specified in the assessed Nebraska College and Career Ready Standards. These results provide evidence that the student will likely be ready for academic success at the next grade level.</p>	<p>College and Career Ready Benchmark learners demonstrate advanced proficiency in the knowledge and skills necessary at this grade level, as specified in the assessed Nebraska College and Career Ready Standards. These results provide evidence that the student will likely be ready for academic success at the next grade level.</p>
<p>Students at this level</p> <ul style="list-style-type: none"> • Identify the corresponding percentage when given the fraction $\frac{1}{4}$ or $\frac{1}{2}$. • Add or subtract positive rational numbers with like denominators up to 5, without regrouping. • Add positive and negative integers (-5 to 5). • Identify correct estimations of addition or subtraction results to the nearest 10, up to 50. 	<p>Students at this level</p> <ul style="list-style-type: none"> • Write the corresponding percentage when given the fraction $\frac{1}{4}$, $\frac{1}{2}$, or $\frac{3}{4}$. • Add and subtract positive rational numbers with like denominators up to 10, without regrouping. • Add positive and negative integers (-10 to 10). • Estimate addition and subtraction results to the nearest 10, up to 100. 	<p>Students at this level</p> <ul style="list-style-type: none"> • Translate between representing $\frac{1}{4}$, $\frac{1}{2}$, and $\frac{3}{4}$ as percentages and fractions. • Add and subtract positive rational numbers with like denominators up to 10, without regrouping, in a real-world problem. • Add positive and negative integers (-10 to 10) in a real-world problem. • Estimate addition and subtraction results in context to the nearest 10, up to 100.

<ul style="list-style-type: none"> • Recognize a solution to a given inequality. • Recognize a ratio as the relationship between two quantities using a model. • Recognize that two identical expressions are equivalent. • Identify the correct substitution of a positive integer value for a single variable in a simple addition or subtraction expression. • Identify the solution to a one-step equation using multiplication. • Recognize a solution to a simple inequality involving multiplication using a number line (0 to 10). • Identify a one-step linear equation, limited to addition, containing a positive integer that represents a solution to a real-world problem. 	<ul style="list-style-type: none"> • Identify a solution to a given inequality. • Identify a ratio between two quantities using a model. • Identify equivalent expressions with one variable (e.g., $2n + 3n$ is the same as $5n$). • Evaluate an addition or subtraction expression when given the positive integer value of the single variable. • Solve a one-step equation using multiplication. • Identify a solution to an inequality involving multiplication using a number line (-10 to 10). • Identify a one-step linear equation containing a positive integer that represents a solution to a real-world problem. 	<ul style="list-style-type: none"> • Represent the solution to a given inequality with words, number lines, or pictures. • Complete or describe a ratio between two quantities using a model. • Complete or describe an equivalent expression when given an expression with one variable. • Evaluate an addition and subtraction expression when given the positive integer value of a single variable in a real-world problem. • Solve a one-step equation using multiplication in a real-world problem. • Represent the solution to an inequality involving multiplication using a number line (-10 to 10). • Complete or describe a one-step linear equation containing a positive integer that represents a solution to a real-world problem.
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<ul style="list-style-type: none"> • Identify a solution to a one-step linear equation using a positive integer that represents a real-world problem. • Identify an inequality, limited to addition, that represents a solution to a real-world problem, using a model. • Identify the percentage for a discount problem (10% or 50%). • Locate the scale of $\frac{1}{4}$ or $\frac{1}{2}$ on a scale drawing. • Recognize two angles as being congruent when their angle measures are the same. • Recognize the perimeter of two adjoining rectangles by counting unit lengths. • Recognize the area of two adjoining rectangles by counting unit squares. • Recognize the center or the radius of a circle. 	<ul style="list-style-type: none"> • Solve a one-step linear equation using a positive integer that represents a solution to a real-world problem. • Identify an inequality that represents a solution to a real-world problem, using a model. • Identify the percentage for a discount problem (10%, 25%, or 50%). • Identify the measure of a scale drawing using a scale of $\frac{1}{4}$, $\frac{1}{3}$, or $\frac{1}{2}$. • Identify a pair of congruent angles in two intersecting lines. • Find the perimeter of two adjoining rectangles by counting unit lengths. • Find the area of two adjoining rectangles by counting unit squares. • Identify the center and radius of a circle. 	<ul style="list-style-type: none"> • Complete and solve a one-step linear equation using a positive integer that represents a solution to a real-world problem. • Complete and solve an inequality that represents a solution to a real-world problem, using a model. • Identify the percentage for a discount (10%, 25%, or 50%) in a real-world problem. • Determine the measure of a scale drawing using a scale of $\frac{1}{4}$, $\frac{1}{3}$, or $\frac{1}{2}$. • Describe a pair of congruent angles in two intersecting lines. • Find a missing side length when given the perimeter and some side lengths of two adjoining rectangles. • Identify two adjoining rectangles when given the total area of the two rectangles. • Identify the center and radius of a circle in a real-world problem.
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<ul style="list-style-type: none">• Identify thirds or fourths of a circle using a circle graph.• Recognize probability as the likelihood an event will occur, limited to always or never.	<ul style="list-style-type: none">• Solve problems with thirds and fourths of a circle using a circle graph.• Identify the probability of an event as always, sometimes, or never.	<ul style="list-style-type: none">• Interpret information in a circle graph using thirds and fourths of a circle.• Identify or describe an example of an event for which the probability is always, sometimes, or never.
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