



# Standards by Grade Level

Standard #	Grade 1 Readiness (Whole numbers)	Grade 2 Readiness (Whole numbers)	Grade 2 – Tier 3 (Whole numbers)
1	Count up to 20 objects. <b>K.CC.5</b>	Name numbers to 120. <b>1.NBT.1</b>	Count up to 20 objects. <b>K.CC.5</b>
2	Compare numbers to 10. <b>K.CC.7</b>	Find 10 more or 10 less than any number to 99. <b>1.NBT.5</b>	Compare numbers to 10. <b>K.CC.7</b>
3	Name numbers 11 to 19 using ten ones and some more ones. <b>K.NBT.1</b>	Compare numbers to 99. <b>1.NBT.3</b>	Name numbers 11 to 19 using ten ones and some more ones. <b>K.NBT.1</b>
4	Find numbers that add to make 10. <b>K.OA.4</b>	Add numbers to 10. <b>1.OA.6a</b>	Find numbers that add to make 10. <b>K.OA.4</b>
5	Add numbers to 5. <b>K.OA.5a</b>	Subtract numbers within 10. <b>1.OA.6c</b>	Add numbers to 5. <b>K.OA.5a</b>
6	Subtract numbers within 5. <b>K.OA.5b</b>		Subtract numbers within 5. <b>K.OA.5b</b>

**Note<sub>1</sub>:** Grade level readiness is measured using end-of-year benchmarks selected from the previous year.

**Note<sub>2</sub>:** Fall, winter and spring screeners measure the same standards within a grade level.

**Note<sub>3</sub>:** Tier 3 screeners are intended for students not responding to tier 2 intervention.



# Standards by Grade Level

Standard #	Grade 3 Readiness (Whole numbers)	Grade 3 – Tier 3 (Whole numbers)
1	Identify numbers to 1,000. <b>2.NBT.3</b>	Count up to 20 objects. <b>K.CC.5</b>
2	Mentally add and subtract 10 or 100 to a number between 100 and 900. <b>2.NBT.8</b>	Compare numbers to 10. <b>K.CC.7</b>
3	Compare numbers to 1,000. <b>2.NBT.4</b>	Name numbers 11 to 19 using ten ones and some more ones. <b>K.NBT.1</b>
4	Add numbers to 20. <b>2.OA.2a</b>	Name numbers to 120. <b>1.NBT.1</b>
5	Subtract numbers within 20. <b>2.OA.2b</b>	Compare numbers to 99. <b>1.NBT.3</b>
6	Add 2-digit numbers. <b>2.NBT.5a</b>	Find 10 more or 10 less than any number to 99. <b>1.NBT.5</b>
7	Subtract 2-digit numbers. <b>2.NBT.5b</b>	Find numbers that add to make 10. <b>K.OA.4</b>
8		Add numbers to 5. <b>K.OA.5a</b>
9		Add numbers to 10. <b>1.OA.6a</b>
10		Subtract numbers within 5. <b>K.OA.5b</b>
11		Subtract numbers within 10. <b>1.OA.6c</b>

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# Standards by Grade Level

Standard #	Grade 4 Readiness (Whole numbers and fractions)	Grade 4 – Tier 3 (Whole numbers)
1	Add three-digit numbers. <b>3.NBT.2a</b>	Name numbers to 120. <b>1.NBT.1</b>
2	Subtract three-digit numbers. <b>3.NBT.2b</b>	Find 10 more or 10 less than any number to 99. <b>1.NBT.5</b>
3	Multiply numbers from 0 to 10. <b>3.OA.7a</b>	Compare numbers to 99. <b>1.NBT.3</b>
4	Divide numbers by 1 to 10. <b>3.OA.7b</b>	Identify numbers to 1,000. <b>2.NBT.3</b>
5	Identify fractions and their parts. <b>3.NF.1</b>	Mentally add and subtract 10 or 100 to a number between 100 and 900. <b>2.NBT.8</b>
6	Name fractions on a number line. <b>3.NF.2</b>	Compare numbers to 1,000. <b>2.NBT.4</b>
7	Compare fractions with the same numerator or same denominator. <b>3.NF.3d</b>	Add 2-digit numbers. <b>2.NBT.5a</b>
8		Subtract 2-digit numbers. <b>2.NBT.5b</b>
9		Add numbers to 10. <b>1.OA.6a</b>
10		Add numbers to 20. <b>2.OA.2a</b>
11		Subtract numbers within 10. <b>1.OA.6c</b>
12		Subtract numbers within 20. <b>2.OA.2b</b>

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# Standards by Grade Level

Standard #	Grade 5 Readiness (Whole numbers and fractions)	Grade 5 – Tier 3 (Whole numbers)
1	Multiply up to a four-digit by a one-digit number and two two-digit numbers. <b>4.NBT.5</b>	Identify numbers to 1,000. <b>2.NBT.3</b>
2	Divide up to a four-digit number by a one-digit number. <b>4.NBT.6</b>	Mentally add and subtract 10 or 100 to a number between 100 and 900. <b>2.NBT.8</b>
3	Compare two fractions with different numerators and different denominators. <b>4.NF.2</b>	Compare numbers to 1,000. <b>2.NBT.4</b>
4	Convert between improper fractions and mixed numbers. <b>4.NF.3b</b>	Add 2-digit numbers. <b>2.NBT.5a</b>
5	Add and subtract mixed numbers with like denominators. <b>4.NF.3c</b>	Add three-digit numbers. <b>3.NBT.2a</b>
6	Multiply a whole number by a fraction. <b>4.NF.4b</b>	Subtract 2-digit numbers. <b>2.NBT.5b</b>
7		Subtract three-digit numbers. <b>3.NBT.2b</b>
8		Identify fractions and their parts. <b>3.NF.1</b>
9		Identify fractions on a number line. <b>3.NF.2</b>
10		Compare fractions with the same numerator or same denominator. <b>3.NF.3d</b>
11		Add numbers to 20. <b>2.OA.2a</b>
12		Subtract numbers within 20. <b>2.OA.2b</b>
13		Multiply numbers from 0 to 10. <b>3.OA.7a</b>
14		Divide numbers by 1 to 10. <b>3.OA.7b</b>

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# Standards by Grade Level

Standard #	Grade 6 Readiness (Whole numbers and fractions)	Grade 6 – Tier 3 (Whole numbers and fractions)
1	Evaluate number expressions using parentheses. <b>5.OA.1</b>	Add three-digit numbers. <b>3.NBT.2a</b>
2	Multiply multi-digit numbers. <b>5.NBT.5</b>	Subtract three-digit numbers. <b>3.NBT.2b</b>
3	Divide four-digit numbers. <b>5.NBT.6</b>	Multiply up to a four-digit by a one-digit number and two two-digit numbers. <b>4.NBT.5</b>
4	Add and subtract mixed numbers with different denominators. <b>5.NF.1</b>	Divide up to a four-digit number by a one-digit number. <b>4.NBT.6</b>
5	Multiply fractions. <b>5.NF.4b</b>	Identify fractions and their parts. <b>3.NF.1</b>
6	Divide a unit fraction by a whole number. <b>5.NF.7a</b>	Identify fractions on a number line. <b>3.NF.2</b>
7	Divide a whole number by a unit fraction. <b>5.NF.7b</b>	Compare fractions with the same numerator or same denominator. <b>3.NF.3d</b>
8		Compare two fractions with different numerators and different denominators. <b>4.NF.2</b>
9		Convert between improper fractions and mixed numbers. <b>4.NF.3b</b>
10		Add and subtract mixed numbers with like denominators. <b>4.NF.3c</b>
11		Multiply a whole number by a fraction. <b>4.NF.4b</b>
12		Multiply numbers from 0 to 10. <b>3.OA.7a</b>
13		Divide numbers by 1 to 10. <b>3.OA.7b</b>

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# Standards by Grade Level

Standard #	Grade 7 Readiness (Fractions, linear expressions and equations)	Grade 7 – Tier 3 (Whole numbers and fractions)
1	Multiply and divide fractions. <b>6.NS.1</b>	Multiply up to a four-digit by a one-digit number and two two-digit numbers. <b>4.NBT.5</b>
2	Find ordered pairs on a coordinate plane. <b>6.NS.6c</b>	Multiply multi-digit numbers. <b>5.NBT.5</b>
3	Translate algebraic expressions between words and symbols. <b>6.EE.2a</b>	Divide up to a four-digit number by a one-digit number. <b>4.NBT.6</b>
4	Evaluate algebraic expressions. <i>Note: Use whole number exponents and no parentheses.</i> <b>6.EE.2c</b>	Divide four-digit numbers. <b>5.NBT.6</b>
5	Simplify algebraic expressions. <b>6.EE.4</b>	Evaluate number expressions using parentheses. <b>5.OA.1</b>
6	Solve 1-step equations. <b>6.EE.7</b>	Compare two fractions with different numerators and different denominators. <b>4.NF.2</b>
7		Convert between improper fractions and mixed numbers. <b>4.NF.3b</b>
8		Add and subtract mixed numbers with like denominators. <b>4.NF.3c</b>
9		Multiply a whole number by a fraction. <b>4.NF.4b</b>
10		Add and subtract mixed numbers with different denominators. <b>5.NF.1</b>
11		Multiply fractions. <b>5.NF.4b</b>
12		Divide a unit fraction by a whole number. <b>5.NF.7a</b>
13		Divide a whole number by a unit fraction. <b>5.NF.7b</b>

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# Standards by Grade Level

Standard #	Grade 8 Readiness (Linear expressions and equations)	Grade 8 – Tier 3 (Fractions, linear expressions and equations)
1	Add and subtract integers between -10 and 10. <b>7.NS.1d</b>	Evaluate number expressions using parentheses. <b>5.OA.1</b>
2	Multiply and divide by integers between -10 and 10. <b>7.NS.2c</b>	Multiply multi-digit numbers. <b>5.NBT.5</b>
3	Add and subtract linear expressions. <b>7.EE.1a</b>	Divide four-digit numbers. <b>5.NBT.6</b>
4	Expand linear expressions. <b>7.EE.1b</b>	Add and subtract mixed numbers with different denominators. <b>5.NF.1</b>
5	Factor linear expressions. <b>7.EE.1c</b>	Multiply fractions. <b>5.NF.4b</b>
6	Solve equations with more than one step. <b>7.EE.4a</b>	Divide a unit fraction by a whole number. <b>5.NF.7a</b>
7		Divide a whole number by a unit fraction. <b>5.NF.7b</b>
8		Multiply and divide fractions. <b>6.NS.1</b>
9		Find ordered pairs on a coordinate plane. <b>6.NS.6c</b>
10		Translate algebraic expressions between words and symbols. <b>6.EE.2a</b>
11		Evaluate algebraic expressions. <i>Note: Use whole number exponents and no parentheses.</i> <b>6.EE.2c</b>
12		Simplify algebraic expressions. <b>6.EE.4</b>
13		Solve 1-step equations. <b>6.EE.7</b>

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# Standards by Grade Level

Standard #	Algebra 1 Readiness (Numerical expressions and linear functions)	Algebra 2 Readiness (Functions, solve systems of equations and factor quadratic expressions)
1	Solve multi-step linear equations. <i>Note: Include equations whose solutions require expanding expressions using the distributive property and collecting like terms</i> <b>8.EE.7b</b>	Evaluate linear and non-linear functions. <b>F.IF.2</b>
2	Find the number of solutions to linear equations in one variable. <b>8.EE.7a</b>	Determine if a function is linear or non-linear. <b>F.LE.1</b>
3	Find the equation of a line. <b>8.F.4</b>	Graph linear and non-linear functions. <b>A.CED.2</b>
4	Find equivalent numerical expressions using properties of integer exponents. <b>8.EE.1</b>	Solve systems of linear equations algebraically. <b>A.REI.6</b>
5	Solve non-linear equations using square roots and cube roots. <b>8.EE.2</b>	Factor quadratic expressions. <b>A.SSE.3</b>

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# Standards by Grade Level

Readiness Standards Appropriate for 8 <sup>th</sup> Grade, Algebra 1, Geometry and Algebra 2		
Standard #	Fraction Concepts (Linear expressions and equations)	Algebra Concepts (Linear expressions and equations)
1	Identify fractions and their parts. <b>3.NF.1</b>	Add and subtract integers between -10 and 10. <b>7.NS.1d</b>
2	Identify fractions on a number line. <b>3.NF.2</b>	Multiply and divide by integers between -10 and 10. <b>7.NS.2c</b>
3	Compare fractions with the same numerator or same denominator. <b>3.NF.3d</b>	Find ordered pairs on a coordinate plane. <b>6.NS.6c</b>
4	Compare two fractions with different numerators and different denominators. <b>4.NF.2</b>	Translate algebraic expressions between words and symbols. <b>6.EE.2a</b>
5	Convert between improper fractions and mixed numbers. <b>4.NF.3b</b>	Evaluate algebraic expressions. <i>Note: Use whole number exponents and no parentheses.</i> <b>6.EE.2c</b>
6	Add and subtract mixed numbers with like denominators. <b>4.NF.3c</b>	Simplify algebraic expressions. <b>6.EE.4</b>
7	Multiply a whole number by a fraction. <b>4.NF.4b</b>	Solve 1-step equations. <b>6.EE.7</b>
8	Add and subtract mixed numbers with different denominators. <b>5.NF.1</b>	Add and subtract linear expressions. <b>7.EE.1a</b>
9	Multiply fractions. <b>5.NF.4b</b>	Expand linear expressions. <b>7.EE.1b</b>
10	Divide a unit fraction by a whole number. <b>5.NF.7a</b>	Factor linear expressions. <b>7.EE.1c</b>
11	Divide a whole number by a unit fraction. <b>5.NF.7b</b>	Solve equations with more than one step. <b>7.EE.4a</b>
12	Multiply and divide fractions. <b>6.NS.1</b>	

**Note:** Fall, winter and spring screeners measure the same standards with the same levels of difficulty.