



Grade Level Standards

(Aligned to the Common Core State Standards)

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

Note₁: Grade level readiness is measured using end-of-year benchmarks selected from the previous year common core content standards.

Note₂: Fall, winter and spring screeners measure the same standards within a grade level.

Note₃: Tier 3 screeners are intended for students not responding to tier 2 intervention in addition to the grade-level readiness screener.



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

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Grade Level Standards

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

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

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Grade Level Standards

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

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Grade Level Standards

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

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Grade Level Standards

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

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Grade Level Standards

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Standard #	Algebra 1 Readiness (Numerical expressions and linear functions)	Algebra 1 – Tier 3 (Formerly known as “Pre-Algebra B”)
1	Approximate and compare irrational numbers. 8.NS.2	Add and subtract integers between -10 and 10. 7.NS.1d
2	Find equivalent numerical expressions using properties of integer exponents. 8.EE.1	Multiply and divide by integers between -10 and 10. 7.NS.2c
3	Solve non-linear equations using square roots and cube roots. 8.EE.2	Find ordered pairs on a coordinate plane. 6.NS.6c
4	Find the slope and y-intercept of a line. 8.F.4	Translate algebraic expressions between words and symbols. 6.EE.2a
5	Solve multi-step linear equations. 8.EE.7b	Evaluate algebraic expressions. <i>Note: Use whole number exponents and no parentheses.</i> 6.EE.2c
6	Solve systems of linear equations algebraically. 8.EE.8b	Simplify algebraic expressions. 6.EE.4
7		Solve 1-step equations. 6.EE.7
8		Add and subtract linear expressions. 7.EE.1a
9		Expand linear expressions. 7.EE.1b
10		Factor linear expressions. 7.EE.1c
11		Solve equations with more than one step. 7.EE.4a

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Complete “Delta Math” Fractions Progression

(Aligned to the Common Core State Standards)

Standard #	Tier 3 – Fractions (Formerly known as “Pre-Algebra A”)
1	Identify fractions and their parts. 3.NF.1
2	Identify fractions on a number line. 3.NF.2
3	Compare fractions with the same numerator or same denominator. 3.NF.3d
4	Compare two fractions with different numerators and different denominators. 4.NF.2
5	Convert between improper fractions and mixed numbers. 4.NF.3b
6	Add and subtract mixed numbers with like denominators. 4.NF.3c
7	Multiply a whole number by a fraction. 4.NF.4b
8	Add and subtract mixed numbers with different denominators. 5.NF.1
9	Multiply fractions. 5.NF.4b
10	Divide a unit fraction by a whole number. 5.NF.7a
11	Divide a whole number by a unit fraction. 5.NF.7b
12	Multiply and divide fractions. 6.NS.1

Note: This tier 3 screener is available for intensive interventions focused primarily on fractions.