



Symphony Math[®] Correlation

Illinois Learning Standards -- Mathematics

Symphony Math version 4.0			Illinois Learning Standards -- Mathematics	Illinois Mathematics Assessment Framework
#	Stage	Concept	Standard	Objective
1a	Number Sense	Equal	<p>6.A.1a Identify whole numbers and compare them using the symbols $<$, $>$, or $=$ and the words "less than", "greater than", or "equal to", applying counting, grouping and place value concepts.</p> <p>6.D.1 Compare the numbers of objects in groups.</p>	6.3.01, 6.3.02, 6.3.05, 6.3.08, 8.3.02, 8.3.03
1b	Number Sense	Greater	<p>6.A.1a Identify whole numbers and compare them using the symbols $<$, $>$, or $=$ and the words "less than", "greater than", or "equal to", applying counting, grouping and place value concepts.</p> <p>6.D.1 Compare the numbers of objects in groups.</p>	6.3.01, 6.3.02, 6.3.05, 6.3.08, 8.3.02, 8.3.03
1c	Number Sense	Less	<p>6.A.1a Identify whole numbers and compare them using the symbols $<$, $>$, or $=$ and the words "less than", "greater than", or "equal to", applying counting, grouping and place value concepts.</p> <p>6.D.1 Compare the numbers of objects in groups.</p>	6.3.01, 6.3.02, 6.3.05, 6.3.08, 8.3.02, 8.3.03
1d	Number Sense	Between	<p>6.A.1a Identify whole numbers and compare them using the symbols $<$, $>$, or $=$ and the words "less than", "greater than", or "equal to", applying counting, grouping and place value concepts.</p> <p>6.D.1 Compare the numbers of objects in groups.</p>	6.3.01, 6.3.02, 6.3.05, 6.3.08, 8.3.02, 8.3.03
1e	Number Sense	Missing Comparison	<p>6.A.1a Identify whole numbers and compare them using the symbols $<$, $>$, or $=$ and the words "less than", "greater than", or "equal to", applying counting, grouping and place value concepts.</p> <p>6.D.1 Compare the numbers of objects in groups.</p>	6.3.01, 6.3.02, 6.3.05, 6.3.08, 8.3.02, 8.3.03

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#	Stage	Concept	Standard	Objective
1f	Number Sense	Not equal	<p>6.A.1a Identify whole numbers and compare them using the symbols $<$, $>$, or $=$ and the words “less than”, “greater than”, or “equal to”, applying counting, grouping and place value concepts.</p> <p>6.D.1 Compare the numbers of objects in groups.</p>	6.3.01, 6.3.02, 6.3.05, 6.3.08, 8.3.02, 8.3.03
2a	Introduction to Addition & Subtraction	Introduction to Addition Fluency	<p>6.B.1 Solve one- and two-step problems with whole numbers using addition, subtraction, multiplication and division.</p> <p>8.C.1 Describe the basic arithmetic operations (addition, subtraction, multiplication, division) orally, in writing and using concrete materials and drawings.</p>	6.3.04, 6.3.13, 8.3.03
2b	Introduction to Addition & Subtraction	Introduction to Addition	<p>6.B.1 Solve one- and two-step problems with whole numbers using addition, subtraction, multiplication and division.</p> <p>8.C.1 Describe the basic arithmetic operations (addition, subtraction, multiplication, division) orally, in writing and using concrete materials and drawings.</p>	6.3.04, 6.3.13, 8.3.02, 8.3.03
2c	Introduction to Addition & Subtraction	Introduction to Missing Addend Fluency	<p>6.B.1 Solve one- and two-step problems with whole numbers using addition, subtraction, multiplication and division.</p> <p>8.A.1b Solve simple number sentences (e.g., $2 + \square = 5$).</p> <p>8.C.1 Describe the basic arithmetic operations (addition, subtraction, multiplication, division) orally, in writing and using concrete materials and drawings.</p> <p>8.D.1 Find the unknown numbers in whole-number addition, subtraction, multiplication and division situations.</p>	6.3.04, 6.3.13, 8.3.03, 8.3.04, 8.3.05

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#	Stage	Concept	Standard	Objective
2d	Stage 2: Introduction to Addition & Subtraction	Introduction to Missing Addend	<p>6.B.1 Solve one- and two-step problems with whole numbers using addition, subtraction, multiplication and division.</p> <p>8.A.1b Solve simple number sentences (e.g., $2 + \underline{\quad} = 5$).</p> <p>8.C.1 Describe the basic arithmetic operations (addition, subtraction, multiplication, division) orally, in writing and using concrete materials and drawings.</p> <p>8.D.1 Find the unknown numbers in whole-number addition, subtraction, multiplication and division situations.</p>	6.3.04, 6.3.13, 8.3.02, 8.3.03, 8.3.04, 8.3.05
2e	Stage 2: Introduction to Addition & Subtraction	Introduction to Subtraction Fluency	<p>6.B.1 Solve one- and two-step problems with whole numbers using addition, subtraction, multiplication and division.</p> <p>8.C.1 Describe the basic arithmetic operations (addition, subtraction, multiplication, division) orally, in writing and using concrete materials and drawings.</p>	6.3.04, 6.3.13, 8.3.03
2f	Stage 2: Introduction to Addition & Subtraction	Introduction to Subtraction	<p>6.B.1 Solve one- and two-step problems with whole numbers using addition, subtraction, multiplication and division.</p> <p>8.C.1 Describe the basic arithmetic operations (addition, subtraction, multiplication, division) orally, in writing and using concrete materials and drawings.</p>	6.3.04, 6.3.13, 8.3.02, 8.3.03
2g	Stage 2: Introduction to Addition & Subtraction	Introduction to Missing Subtrahend Fluency	<p>6.B.1 Solve one- and two-step problems with whole numbers using addition, subtraction, multiplication and division.</p> <p>8.A.1b Solve simple number sentences (e.g., $2 + \underline{\quad} = 5$).</p> <p>8.C.1 Describe the basic arithmetic operations (addition, subtraction, multiplication, division) orally, in writing and using concrete materials and drawings.</p> <p>8.D.1 Find the unknown numbers in whole-number addition, subtraction, multiplication and division situations.</p>	6.3.04, 6.3.13, 8.3.03, 8.3.04, 8.3.05

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#	Stage	Concept	Standard	Objective
2h	Stage 2: Introduction to Addition & Subtraction	Introduction to Missing Subtrahend	<p>6.B.1 Solve one- and two-step problems with whole numbers using addition, subtraction, multiplication and division.</p> <p>8.A.1b Solve simple number sentences (e.g., $2 + \underline{\quad} = 5$).</p> <p>8.C.1 Describe the basic arithmetic operations (addition, subtraction, multiplication, division) orally, in writing and using concrete materials and drawings.</p> <p>8.D.1 Find the unknown numbers in whole-number addition, subtraction, multiplication and division situations.</p>	6.3.04, 6.3.13, 8.3.02, 8.3.03, 8.3.04, 8.3.05
3a	Stage 3: Ones, Tens & Hundreds	Introduction to 1s	<p>6.B.1 Solve one- and two-step problems with whole numbers using addition, subtraction, multiplication and division.</p> <p>8.C.1 Describe the basic arithmetic operations (addition, subtraction, multiplication, division) orally, in writing and using concrete materials and drawings.</p>	6.3.01, 6.3.02, 6.3.05, 6.3.08, 8.3.02, 8.3.03
3b	Stage 3: Ones, Tens & Hundreds	Compose 1s	<p>6.B.1 Solve one- and two-step problems with whole numbers using addition, subtraction, multiplication and division.</p> <p>8.C.1 Describe the basic arithmetic operations (addition, subtraction, multiplication, division) orally, in writing and using concrete materials and drawings.</p>	6.3.01, 6.3.02, 6.3.05, 6.3.08, 8.3.02, 8.3.03
3c	Stage 3: Ones, Tens & Hundreds	Decompose 1s	<p>6.B.1 Solve one- and two-step problems with whole numbers using addition, subtraction, multiplication and division.</p> <p>8.C.1 Describe the basic arithmetic operations (addition, subtraction, multiplication, division) orally, in writing and using concrete materials and drawings.</p>	6.3.01, 6.3.02, 6.3.05, 6.3.08, 8.3.02, 8.3.03
3d	Stage 3: Ones, Tens & Hundreds	Comparing 1s	<p>6.A.1a Identify whole numbers and compare them using the symbols $<$, $>$, or $=$ and the words "less than", "greater than", or "equal to", applying counting, grouping and place value concepts.</p> <p>6.D.1 Compare the numbers of objects in groups.</p>	6.3.01, 6.3.02, 6.3.05, 6.3.08, 8.3.02, 8.3.03

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#	Stage	Concept	Standard	Objective
3e	Stage 3: Ones, Tens & Hundreds	Introduction to 10s	<p>6.B.1 Solve one- and two-step problems with whole numbers using addition, subtraction, multiplication and division.</p> <p>8.C.1 Describe the basic arithmetic operations (addition, subtraction, multiplication, division) orally, in writing and using concrete materials and drawings.</p>	6.3.01, 6.3.02, 6.3.05, 6.3.08, 8.3.02, 8.3.03
3f	Stage 3: Ones, Tens & Hundreds	Compose 10s	<p>6.B.1 Solve one- and two-step problems with whole numbers using addition, subtraction, multiplication and division.</p> <p>8.C.1 Describe the basic arithmetic operations (addition, subtraction, multiplication, division) orally, in writing and using concrete materials and drawings.</p>	6.3.01, 6.3.02, 6.3.05, 6.3.08, 8.3.02, 8.3.03
3g	Stage 3: Ones, Tens & Hundreds	Decompose 10s	<p>6.B.1 Solve one- and two-step problems with whole numbers using addition, subtraction, multiplication and division.</p> <p>8.C.1 Describe the basic arithmetic operations (addition, subtraction, multiplication, division) orally, in writing and using concrete materials and drawings.</p>	6.3.01, 6.3.02, 6.3.05, 6.3.08, 8.3.02, 8.3.03
3h	Stage 3: Ones, Tens & Hundreds	Comparing 10s	<p>6.A.1a Identify whole numbers and compare them using the symbols $<$, $>$, or $=$ and the words "less than", "greater than", or "equal to", applying counting, grouping and place value concepts.</p> <p>6.D.1 Compare the numbers of objects in groups.</p>	6.3.01, 6.3.02, 6.3.05, 6.3.08, 8.3.02, 8.3.03
3i	Stage 3: Ones, Tens & Hundreds	Introduction to 100s	<p>6.B.1 Solve one- and two-step problems with whole numbers using addition, subtraction, multiplication and division.</p> <p>8.C.1 Describe the basic arithmetic operations (addition, subtraction, multiplication, division) orally, in writing and using concrete materials and drawings.</p>	6.3.01, 6.3.02, 6.3.05, 6.3.08, 8.3.02, 8.3.03
3j	Stage 3: Ones, Tens & Hundreds	Compose 1s/10s/100s	<p>6.B.1 Solve one- and two-step problems with whole numbers using addition, subtraction, multiplication and division.</p> <p>8.C.1 Describe the basic arithmetic operations (addition, subtraction, multiplication, division) orally, in writing and using concrete materials and drawings.</p>	6.3.01, 6.3.02, 6.3.05, 6.3.08, 8.3.02, 8.3.03

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#	Stage	Concept	Standard	Objective
3k	Stage 3: Ones, Tens & Hundreds	Decompose 100s	<p>6.B.1 Solve one- and two-step problems with whole numbers using addition, subtraction, multiplication and division.</p> <p>8.C.1 Describe the basic arithmetic operations (addition, subtraction, multiplication, division) orally, in writing and using concrete materials and drawings.</p>	6.3.01, 6.3.02, 6.3.05, 6.3.08, 8.3.02, 8.3.03
3l	Stage 3: Ones, Tens & Hundreds	Comparing 100s	<p>6.A.1a Identify whole numbers and compare them using the symbols $<$, $>$, or $=$ and the words "less than", "greater than", or "equal to", applying counting, grouping and place value concepts.</p> <p>6.D.1 Compare the numbers of objects in groups.</p>	6.3.01, 6.3.02, 6.3.05, 6.3.08, 8.3.02, 8.3.03
4a	Intermediate Addition & Subtraction	Intermediate Addition Fluency	<p>6.B.1 Solve one- and two-step problems with whole numbers using addition, subtraction, multiplication and division.</p> <p>8.C.1 Describe the basic arithmetic operations (addition, subtraction, multiplication, division) orally, in writing and using concrete materials and drawings.</p>	8.3.03
4b	Intermediate Addition & Subtraction	Intermediate Addition	<p>6.B.1 Solve one- and two-step problems with whole numbers using addition, subtraction, multiplication and division.</p> <p>8.C.1 Describe the basic arithmetic operations (addition, subtraction, multiplication, division) orally, in writing and using concrete materials and drawings.</p>	8.3.02, 8.3.03
4c	Intermediate Addition & Subtraction	Intermediate Missing Addend Fluency	<p>6.B.1 Solve one- and two-step problems with whole numbers using addition, subtraction, multiplication and division.</p> <p>8.A.1b Solve simple number sentences (e.g., $2 + \square = 5$).</p> <p>8.C.1 Describe the basic arithmetic operations (addition, subtraction, multiplication, division) orally, in writing and using concrete materials and drawings.</p> <p>8.D.1 Find the unknown numbers in whole-number addition, subtraction, multiplication and division situations.</p>	8.3.03, 8.3.04, 8.3.05

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4d	Intermediate Addition & Subtraction	Intermediate Missing Addend	<p>6.B.1 Solve one- and two-step problems with whole numbers using addition, subtraction, multiplication and division.</p> <p>8.A.1b Solve simple number sentences (e.g., $2 + \square = 5$).</p> <p>8.C.1 Describe the basic arithmetic operations (addition, subtraction, multiplication, division) orally, in writing and using concrete materials and drawings.</p> <p>8.D.1 Find the unknown numbers in whole-number addition, subtraction, multiplication and division situations.</p>	8.3.02, 8.3.03, 8.3.04, 8.3.05
4e	Intermediate Addition & Subtraction	Intermediate Missing Addends	<p>6.B.1 Solve one- and two-step problems with whole numbers using addition, subtraction, multiplication and division.</p> <p>8.A.1b Solve simple number sentences (e.g., $2 + \square = 5$).</p> <p>8.C.1 Describe the basic arithmetic operations (addition, subtraction, multiplication, division) orally, in writing and using concrete materials and drawings.</p> <p>8.D.1 Find the unknown numbers in whole-number addition, subtraction, multiplication and division situations.</p>	8.3.02, 8.3.03, 8.3.04, 8.3.05
4f	Intermediate Addition & Subtraction	Intermediate Subtraction Fluency	<p>6.B.1 Solve one- and two-step problems with whole numbers using addition, subtraction, multiplication and division.</p> <p>8.C.1 Describe the basic arithmetic operations (addition, subtraction, multiplication, division) orally, in writing and using concrete materials and drawings.</p>	8.3.03
4g	Intermediate Addition & Subtraction	Intermediate Subtraction	<p>6.B.1 Solve one- and two-step problems with whole numbers using addition, subtraction, multiplication and division.</p> <p>8.C.1 Describe the basic arithmetic operations (addition, subtraction, multiplication, division) orally, in writing and using concrete materials and drawings.</p>	8.3.02, 8.3.03

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4h	Intermediate Addition & Subtraction	Intermediate Missing Subtrahend	<p>6.B.1 Solve one- and two-step problems with whole numbers using addition, subtraction, multiplication and division.</p> <p>8.A.1b Solve simple number sentences (e.g., $2 + \underline{\quad} = 5$).</p> <p>8.C.1 Describe the basic arithmetic operations (addition, subtraction, multiplication, division) orally, in writing and using concrete materials and drawings.</p> <p>8.D.1 Find the unknown numbers in whole-number addition, subtraction, multiplication and division situations.</p>	6.3.12, 8.3.02, 8.3.03, 8.3.04, 8.3.05
4i	Intermediate Addition & Subtraction	Intermediate Missing Subtrahend Fluency	<p>6.B.1 Solve one- and two-step problems with whole numbers using addition, subtraction, multiplication and division.</p> <p>8.A.1b Solve simple number sentences (e.g., $2 + \underline{\quad} = 5$).</p> <p>8.C.1 Describe the basic arithmetic operations (addition, subtraction, multiplication, division) orally, in writing and using concrete materials and drawings.</p> <p>8.D.1 Find the unknown numbers in whole-number addition, subtraction, multiplication and division situations.</p>	8.3.03, 8.3.04, 8.3.05
4j	Intermediate Addition & Subtraction	Intermediate Missing Subtrahend And Minuend	<p>6.B.1 Solve one- and two-step problems with whole numbers using addition, subtraction, multiplication and division.</p> <p>8.A.1b Solve simple number sentences (e.g., $2 + \underline{\quad} = 5$).</p> <p>8.C.1 Describe the basic arithmetic operations (addition, subtraction, multiplication, division) orally, in writing and using concrete materials and drawings.</p> <p>8.D.1 Find the unknown numbers in whole-number addition, subtraction, multiplication and division situations.</p>	8.3.02, 8.3.03, 8.3.04, 8.3.05
5a	Two-Digit & Three-Digit Numbers	Composing Two-Digit Numbers	<p>6.B.1 Solve one- and two-step problems with whole numbers using addition, subtraction, multiplication and division.</p>	6.3.01, 6.3.02, 6.3.05, 6.3.08, 8.3.02, 8.3.03

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#	Stage	Concept	Standard	Objective
5b	Two-Digit & Three-Digit Numbers	Decomposing Two-Digit Numbers	6.B.1 Solve one- and two-step problems with whole numbers using addition, subtraction, multiplication and division.	6.3.01, 6.3.02, 6.3.05, 6.3.08, 8.3.02, 8.3.03
5c	Two-Digit & Three-Digit Numbers	Comparing Two-Digit Numbers	6.A.1a Identify whole numbers and compare them using the symbols $<$, $>$, or $=$ and the words "less than", "greater than", or "equal to", applying counting, grouping and place value concepts. 6.D.1 Compare the numbers of objects in groups.	6.3.01, 6.3.02, 6.3.05, 6.3.08, 8.3.02, 8.3.03
5d	Two-Digit & Three-Digit Numbers	Composing Three-Digit Numbers	6.B.1 Solve one- and two-step problems with whole numbers using addition, subtraction, multiplication and division.	6.3.01, 6.3.02, 6.3.05, 6.3.08, 8.3.02, 8.3.03
5e	Two-Digit & Three-Digit Numbers	Decomposing Three-Digit Numbers	6.B.1 Solve one- and two-step problems with whole numbers using addition, subtraction, multiplication and division.	6.3.01, 6.3.02, 6.3.05, 6.3.08, 8.3.02, 8.3.03
5f	Two-Digit & Three-Digit Numbers	Comparing Quantity W/ Three-Digit Numbers	6.B.1 Solve one- and two-step problems with whole numbers using addition, subtraction, multiplication and division.	6.3.01, 6.3.02, 6.3.05, 6.3.08, 8.3.02, 8.3.03
6a	Advanced Addition & Subtraction	Advanced Addition Fluency	6.B.1 Solve one- and two-step problems with whole numbers using addition, subtraction, multiplication and division. 8.C.1 Describe the basic arithmetic operations (addition, subtraction, multiplication, division) orally, in writing and using concrete materials and drawings.	8.3.03
6b	Advanced Addition & Subtraction	Advanced Addition	6.B.1 Solve one- and two-step problems with whole numbers using addition, subtraction, multiplication and division. 8.C.1 Describe the basic arithmetic operations (addition, subtraction, multiplication, division) orally, in writing and using concrete materials and drawings.	8.3.02, 8.3.03
6c	Advanced Addition & Subtraction	Advanced Missing Addend	6.B.1 Solve one- and two-step problems with whole numbers using addition, subtraction, multiplication and division. 8.A.1b Solve simple number sentences (e.g., $2 + \underline{\quad} = 5$). 8.C.1 Describe the basic arithmetic operations (addition, subtraction, multiplication, division) orally, in writing and using concrete materials and drawings. 8.D.1 Find the unknown numbers in whole-number addition, subtraction, multiplication and division situations.	8.3.02, 8.3.03, 8.3.04, 8.3.05

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6d	Advanced Addition & Subtraction	Advanced Missing Ad-dend Fluency	<p>6.B.1 Solve one- and two-step problems with whole numbers using addition, subtraction, multiplication and division.</p> <p>8.A.1b Solve simple number sentences (e.g., $2 + _ = 5$).</p> <p>8.C.1 Describe the basic arithmetic operations (addition, subtraction, multiplication, division) orally, in writing and using concrete materials and drawings.</p> <p>8.D.1 Find the unknown numbers in whole-number addition, subtraction, multiplication and division situations.</p>	8.3.03, 8.3.04, 8.3.05
6e	Advanced Addition & Subtraction	Advanced Subtraction	<p>6.B.1 Solve one- and two-step problems with whole numbers using addition, subtraction, multiplication and division.</p> <p>8.C.1 Describe the basic arithmetic operations (addition, subtraction, multiplication, division) orally, in writing and using concrete materials and drawings.</p>	8.3.02, 8.3.03
6f	Advanced Addition & Subtraction	Advanced Subtraction Fluency	<p>6.B.1 Solve one- and two-step problems with whole numbers using addition, subtraction, multiplication and division.</p> <p>8.C.1 Describe the basic arithmetic operations (addition, subtraction, multiplication, division) orally, in writing and using concrete materials and drawings.</p>	8.3.03
6g	Advanced Addition & Subtraction	Advanced Missing Sub-trahend Fluency	<p>6.B.1 Solve one- and two-step problems with whole numbers using addition, subtraction, multiplication and division.</p> <p>8.A.1b Solve simple number sentences (e.g., $2 + _ = 5$).</p> <p>8.C.1 Describe the basic arithmetic operations (addition, subtraction, multiplication, division) orally, in writing and using concrete materials and drawings.</p> <p>8.D.1 Find the unknown numbers in whole-number addition, subtraction, multiplication and division situations.</p>	8.3.03, 8.3.04, 8.3.05

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6h	Advanced Addition & Subtraction	Advanced Missing Subtrahend	<p>6.B.1 Solve one- and two-step problems with whole numbers using addition, subtraction, multiplication and division.</p> <p>8.A.1b Solve simple number sentences (e.g., $2 + _ = 5$).</p> <p>8.C.1 Describe the basic arithmetic operations (addition, subtraction, multiplication, division) orally, in writing and using concrete materials and drawings.</p> <p>8.D.1 Find the unknown numbers in whole-number addition, subtraction, multiplication and division situations.</p>	6.3.12, 8.3.02, 8.3.03, 8.3.04, 8.3.05
7a	Adding & Subtracting One-Digit Numbers	Adding One Digit Numbers	6.C.1a Select and perform computational procedures to solve problems with whole numbers.	6.3.09
7b	Adding & Subtracting One-Digit Numbers	Missing Addend One Digit Numbers	6.C.1a Select and perform computational procedures to solve problems with whole numbers.	6.3.09
7c	Adding & Subtracting One-Digit Numbers	Subtracting One Digit Numbers	6.C.1a Select and perform computational procedures to solve problems with whole numbers.	6.3.09
7d	Adding & Subtracting One-Digit Numbers	Missing Subtrahend One Digit Numbers	6.C.1a Select and perform computational procedures to solve problems with whole numbers.	6.3.09
7e	Adding & Subtracting One-Digit Numbers	Adding One Digit Numbers With Regrouping	6.C.1a Select and perform computational procedures to solve problems with whole numbers.	6.3.09
7f	Adding & Subtracting One-Digit Numbers	Missing Addend One Digit Numbers With Regrouping	6.C.1a Select and perform computational procedures to solve problems with whole numbers.	6.3.09
7g	Adding & Subtracting One-Digit Numbers	Subtracting One Digit Numbers With Regrouping	6.C.1a Select and perform computational procedures to solve problems with whole numbers.	6.3.09
7h	Adding & Subtracting One-Digit Numbers	Missing Subtrahend One Digit Numbers With Regrouping	6.C.1a Select and perform computational procedures to solve problems with whole numbers.	6.3.09

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8a	Introduction to Multiplication & Division	Introduction to Multiplication	6.C.1a Select and perform computational procedures to solve problems with whole numbers.	6.3.04, 6.3.13, 8.3.03
8b	Introduction to Multiplication & Division	Introduction to Multiplication Fluency	6.B.1 Solve one- and two-step problems with whole numbers using addition, subtraction, multiplication and division. 8.C.1 Describe the basic arithmetic operations (addition, subtraction, multiplication, division) orally, in writing and using concrete materials and drawings.	6.3.04, 6.3.13, 8.3.03
8c	Introduction to Multiplication & Division	Introduction to Missing Multiplier	6.B.1 Solve one- and two-step problems with whole numbers using addition, subtraction, multiplication and division. 8.A.1b Solve simple number sentences (e.g., $2 + \underline{\quad} = 5$). 8.C.1 Describe the basic arithmetic operations (addition, subtraction, multiplication, division) orally, in writing and using concrete materials and drawings. 8.D.1 Find the unknown numbers in whole-number addition, subtraction, multiplication and division situations.	6.3.04, 6.3.13, 8.3.03, 8.3.05
8d	Introduction to Multiplication & Division	Introduction to Missing Multiplier Fluency	6.B.1 Solve one- and two-step problems with whole numbers using addition, subtraction, multiplication and division. 8.A.1b Solve simple number sentences (e.g., $2 + \underline{\quad} = 5$). 8.C.1 Describe the basic arithmetic operations (addition, subtraction, multiplication, division) orally, in writing and using concrete materials and drawings. 8.D.1 Find the unknown numbers in whole-number addition, subtraction, multiplication and division situations.	6.3.04, 6.3.13, 8.3.03
8e	Introduction to Multiplication & Division	Introduction to Missing Multiplicand	6.B.1 Solve one- and two-step problems with whole numbers using addition, subtraction, multiplication and division. 8.A.1b Solve simple number sentences (e.g., $2 + \underline{\quad} = 5$). 8.C.1 Describe the basic arithmetic operations (addition, subtraction, multiplication, division) orally, in writing and using concrete materials and drawings. 8.D.1 Find the unknown numbers in whole-number addition, subtraction, multiplication and division situations.	6.3.04, 6.3.13, 8.3.03, 8.3.05

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8f	Introduction to Multiplication & Division	Introduction to Division Fluency	<p>6.B.1 Solve one- and two-step problems with whole numbers using addition, subtraction, multiplication and division.</p> <p>8.C.1 Describe the basic arithmetic operations (addition, subtraction, multiplication, division) orally, in writing and using concrete materials and drawings.</p>	6.3.04, 6.3.13, 8.3.03
8g	Introduction to Multiplication & Division	Introduction to Division	<p>6.B.1 Solve one- and two-step problems with whole numbers using addition, subtraction, multiplication and division.</p> <p>8.C.1 Describe the basic arithmetic operations (addition, subtraction, multiplication, division) orally, in writing and using concrete materials and drawings.</p>	6.3.04, 6.3.13, 8.3.03
8h	Introduction to Multiplication & Division	Introduction to Missing Dividend Fluency	<p>6.B.1 Solve one- and two-step problems with whole numbers using addition, subtraction, multiplication and division.</p> <p>8.A.1b Solve simple number sentences (e.g., $2 + \square = 5$).</p> <p>8.C.1 Describe the basic arithmetic operations (addition, subtraction, multiplication, division) orally, in writing and using concrete materials and drawings.</p>	6.3.04, 6.3.13, 8.3.03
8i	Introduction to Multiplication & Division	Introduction to Missing Dividend	<p>6.B.1 Solve one- and two-step problems with whole numbers using addition, subtraction, multiplication and division.</p> <p>8.A.1b Solve simple number sentences (e.g., $2 + \square = 5$).</p> <p>8.C.1 Describe the basic arithmetic operations (addition, subtraction, multiplication, division) orally, in writing and using concrete materials and drawings.</p> <p>8.D.1 Find the unknown numbers in whole-number addition, subtraction, multiplication and division situations.</p>	6.3.04, 6.3.13, 8.3.03, 8.3.05
8j	Introduction to Multiplication & Division	Introduction to Missing Divisor	<p>6.B.1 Solve one- and two-step problems with whole numbers using addition, subtraction, multiplication and division.</p> <p>8.A.1b Solve simple number sentences (e.g., $2 + \square = 5$).</p> <p>8.C.1 Describe the basic arithmetic operations (addition, subtraction, multiplication, division) orally, in writing and using concrete materials and drawings.</p> <p>8.D.1 Find the unknown numbers in whole-number addition, subtraction, multiplication and division situations.</p>	6.3.04, 6.3.13, 8.3.03, 8.3.05

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#	Stage	Concept	Standard	Objective
9a	Adding & Subtracting Two-Digit Numbers	Adding Two-Digit Numbers	6.C.2a Select and perform computational procedures to solve problems with whole numbers, fractions and decimals.	6.3.09
9b	Adding & Subtracting Two-Digit Numbers	Missing Addend Two-Digit Numbers	6.C.2a Select and perform computational procedures to solve problems with whole numbers, fractions and decimals.	6.3.09
9c	Adding & Subtracting Two-Digit Numbers	Subtracting Two-Digit Numbers	6.C.2a Select and perform computational procedures to solve problems with whole numbers, fractions and decimals.	6.3.09
9d	Adding & Subtracting Two-Digit Numbers	Missing Subtrahend Two-Digit Numbers	6.C.2a Select and perform computational procedures to solve problems with whole numbers, fractions and decimals.	6.3.09
9e	Adding & Subtracting Two-Digit Numbers	Adding Two-Digit Numbers With Regrouping	6.C.2a Select and perform computational procedures to solve problems with whole numbers, fractions and decimals.	6.3.09
9f	Adding & Subtracting Two-Digit Numbers	Missing Addend Two-Digit Numbers With Regrouping	6.C.2a Select and perform computational procedures to solve problems with whole numbers, fractions and decimals.	6.3.09
9g	Adding & Subtracting Two-Digit Numbers	Subtracting Two-Digit Numbers With Regrouping	6.C.2a Select and perform computational procedures to solve problems with whole numbers, fractions and decimals.	6.3.09
9h	Adding & Subtracting Two-Digit Numbers	Missing Subtrahend Two-Digit Numbers With Regrouping	6.C.2a Select and perform computational procedures to solve problems with whole numbers, fractions and decimals.	6.3.09
10a	Three Part Addition & Subtraction	Three Part Addition	6.B.2 Solve one- and two-step problems involving whole numbers, fractions and decimals using addition, subtraction, multiplication and division. 8.D.2 Solve linear equations involving whole numbers.	8.3.02, 8.3.03
10b	Three Part Addition & Subtraction	3-Part Addition Fluency	6.B.2 Solve one- and two-step problems involving whole numbers, fractions and decimals using addition, subtraction, multiplication and division. 8.D.2 Solve linear equations involving whole numbers.	8.3.02, 8.3.03
10c	Three Part Addition & Subtraction	Three Part Missing Addend	6.B.2 Solve one- and two-step problems involving whole numbers, fractions and decimals using addition, subtraction, multiplication and division. 8.D.2 Solve linear equations involving whole numbers.	8.3.02, 8.3.03

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#	Stage	Concept	Standard	Objective
10d	Three Part Addition & Subtraction	Missing Part Of Sum	6.B.2 Solve one- and two-step problems involving whole numbers, fractions and decimals using addition, subtraction, multiplication and division. 8.D.2 Solve linear equations involving whole numbers.	8.3.02, 8.3.03
10e	Three Part Addition & Subtraction	Three Part Subtraction	6.B.2 Solve one- and two-step problems involving whole numbers, fractions and decimals using addition, subtraction, multiplication and division. 8.D.2 Solve linear equations involving whole numbers.	8.3.02, 8.3.03
10f	Three Part Addition & Subtraction	3-Part Subtraction Fluency	6.B.2 Solve one- and two-step problems involving whole numbers, fractions and decimals using addition, subtraction, multiplication and division. 8.D.2 Solve linear equations involving whole numbers.	8.3.02, 8.3.03
10g	Three Part Addition & Subtraction	Three Part Missing Subtrahend	6.B.2 Solve one- and two-step problems involving whole numbers, fractions and decimals using addition, subtraction, multiplication and division. 8.D.2 Solve linear equations involving whole numbers.	8.3.02, 8.3.03
11a	Adding & Subtracting Three-Digit Numbers	Adding Three Digit Numbers	6.B.2 Solve one- and two-step problems involving whole numbers, fractions and decimals using addition, subtraction, multiplication and division.	6.3.09
11b	Adding & Subtracting Three-Digit Numbers	Missing Addend Three Digit Numbers	6.B.2 Solve one- and two-step problems involving whole numbers, fractions and decimals using addition, subtraction, multiplication and division.	6.3.09
11c	Adding & Subtracting Three-Digit Numbers	Subtracting Three Digit Numbers	6.B.2 Solve one- and two-step problems involving whole numbers, fractions and decimals using addition, subtraction, multiplication and division.	6.3.09
11d	Adding & Subtracting Three-Digit Numbers	Missing Subtrahend Three Digit Numbers	6.B.2 Solve one- and two-step problems involving whole numbers, fractions and decimals using addition, subtraction, multiplication and division.	6.3.09
11e	Adding & Subtracting Three-Digit Numbers	Adding Three Digit Numbers With Regrouping	6.B.2 Solve one- and two-step problems involving whole numbers, fractions and decimals using addition, subtraction, multiplication and division.	6.3.09
11f	Adding & Subtracting Three-Digit Numbers	Missing Addend Three Digit Numbers With Regrouping	6.B.2 Solve one- and two-step problems involving whole numbers, fractions and decimals using addition, subtraction, multiplication and division.	6.3.09
11g	Adding & Subtracting Three-Digit Numbers	Subtracting Three Digit Numbers With Regrouping	6.B.2 Solve one- and two-step problems involving whole numbers, fractions and decimals using addition, subtraction, multiplication and division.	6.3.09

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#	Stage	Concept	Standard	Objective
11h	Adding & Subtracting Three-Digit Numbers	Missing Subtrahend Three Digit Numbers With Regrouping	6.B.2 Solve one- and two-step problems involving whole numbers, fractions and decimals using addition, subtraction, multiplication and division.	6.3.09
12a	Introduction to Fractions	Unit Fractions: Missing Part	6.A.1b Identify and model fractions using concrete materials and pictorial representations.	6.3.03, 8.3.02, 8.3.03, 8.3.05
12b	Introduction to Fractions	Unit Fractions: Missing Whole	6.A.1b Identify and model fractions using concrete materials and pictorial representations.	6.3.03, 8.3.02, 8.3.03, 8.3.05
12c	Introduction to Fractions	Fractions Fluency: Missing Part	6.A.1b Identify and model fractions using concrete materials and pictorial representations.	6.3.03, 8.3.02, 8.3.03
12d	Introduction to Fractions	Unit Fractions: Missing Relationship	6.A.1b Identify and model fractions using concrete materials and pictorial representations.	6.3.03, 8.3.02, 8.3.03, 8.3.05
12e	Introduction to Fractions	Non-Unit Fractions: Missing Part	6.A.1b Identify and model fractions using concrete materials and pictorial representations.	6.3.03, 8.3.02, 8.3.03, 8.3.05
12f	Introduction to Fractions	Non-Unit Fractions: Missing Whole	6.A.1b Identify and model fractions using concrete materials and pictorial representations.	6.3.03, 8.3.02, 8.3.03, 8.3.05
12g	Introduction to Fractions	Non-Unit Fractions: Missing Relationship	6.A.1b Identify and model fractions using concrete materials and pictorial representations.	6.3.03, 8.3.02, 8.3.03, 8.3.05
12h	Introduction to Fractions	Fractions Fluency: Missing Whole	6.A.1b Identify and model fractions using concrete materials and pictorial representations.	6.3.03, 8.3.02, 8.3.03
12i	Introduction to Fractions	Whole Fractions: Missing Part	6.A.1b Identify and model fractions using concrete materials and pictorial representations.	6.3.03, 8.3.02, 8.3.03
12j	Introduction to Fractions	Whole Fractions: Missing Whole	6.A.1b Identify and model fractions using concrete materials and pictorial representations.	6.3.03, 8.3.02, 8.3.03, 8.3.05
12k	Introduction to Fractions	Whole Fractions: Missing Relationship	6.A.1b Identify and model fractions using concrete materials and pictorial representations.	6.3.03, 8.3.02, 8.3.03, 8.3.05

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#	Stage	Concept	Standard	Objective
13a	Stage 13: Intermediate Multiplication & Division	Introduction to Missing Multiplier And Multipl-icand	6.B.2 Solve one- and two-step problems involving whole numbers, fractions and decimals using addition, subtraction, multiplication and division.	6.3.04, 8.3.02, 8.3.03
13b	Stage 13: Intermediate Multiplication & Division	Intermediate Multiplica-tion Fluency	6.B.2 Solve one- and two-step problems involving whole numbers, fractions and decimals using addition, subtraction, multiplication and division.	6.3.04, 8.3.02, 8.3.03
13c	Stage 13: Intermediate Multiplication & Division	Intermediate Multiplica-tion	6.B.2 Solve one- and two-step problems involving whole numbers, fractions and decimals using addition, subtraction, multiplication and division.	6.3.04, 8.3.02, 8.3.03
13d	Stage 13: Intermediate Multiplication & Division	Intermediate Missing Multiplier Fluency	6.B.2 Solve one- and two-step problems involving whole numbers, fractions and decimals using addition, subtraction, multiplication and division.	6.3.04, 8.3.02, 8.3.03
13e	Stage 13: Intermediate Multiplication & Division	Intermediate Missing Multiplier	6.B.2 Solve one- and two-step problems involving whole numbers, fractions and decimals using addition, subtraction, multiplication and division.	6.3.04, 8.3.02, 8.3.03
13f	Stage 13: Intermediate Multiplication & Division	Intermediate Missing Multiplicand	6.B.2 Solve one- and two-step problems involving whole numbers, fractions and decimals using addition, subtraction, multiplication and division.	6.3.04, 8.3.02, 8.3.03
13g	Stage 13: Intermediate Multiplication & Division	Intermediate Division Fluency	6.B.2 Solve one- and two-step problems involving whole numbers, fractions and decimals using addition, subtraction, multiplication and division.	6.3.04, 8.3.02, 8.3.03
13h	Stage 13: Intermediate Multiplication & Division	Intermediate Division	6.B.2 Solve one- and two-step problems involving whole numbers, fractions and decimals using addition, subtraction, multiplication and division.	6.3.04, 8.3.02, 8.3.03
13i	Stage 13: Intermediate Multiplication & Division	Intermediate Missing Dividend	6.B.2 Solve one- and two-step problems involving whole numbers, fractions and decimals using addition, subtraction, multiplication and division.	6.3.04, 8.3.02, 8.3.03
13j	Stage 13: Intermediate Multiplication & Division	Intermediate Missing Dividend Fluency	6.B.2 Solve one- and two-step problems involving whole numbers, fractions and decimals using addition, subtraction, multiplication and division.	6.3.04, 8.3.02, 8.3.03
13k	Stage 13: Intermediate Multiplication & Division	Intermediate Missing Divisor	6.B.2 Solve one- and two-step problems involving whole numbers, fractions and decimals using addition, subtraction, multiplication and division.	6.3.04, 8.3.02, 8.3.03

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#	Stage	Concept	Standard	Objective
13l	Stage 13: Intermediate Multiplication & Division	Intermediate Missing Divisor And Quotient	6.B.2 Solve one- and two-step problems involving whole numbers, fractions and decimals using addition, subtraction, multiplication and division.	6.3.04, 8.3.02, 8.3.03
14a	Unit Fractions	Advanced Unit Fractions: Missing Part	6.A.1b Identify and model fractions using concrete materials and pictorial representations.	6.3.03, 8.3.02, 8.3.03, 8.3.05
14b	Unit Fractions	Advanced Unit Fractions Fluency: Missing Part	6.A.1b Identify and model fractions using concrete materials and pictorial representations.	6.3.03, 8.3.02, 8.3.03
14c	Unit Fractions	Advanced Unit Fractions Fluency: Missing Whole	6.A.1b Identify and model fractions using concrete materials and pictorial representations.	6.3.03, 8.3.02, 8.3.03
14d	Unit Fractions	Advanced Unit Fractions: Missing Whole	6.A.1b Identify and model fractions using concrete materials and pictorial representations.	6.3.03, 8.3.02, 8.3.03, 8.3.05
14e	Unit Fractions	Advanced Unit Fractions: Missing Relationship	6.A.1b Identify and model fractions using concrete materials and pictorial representations.	6.3.03, 8.3.02, 8.3.03, 8.3.05
14f	Unit Fractions	Comparing Unit Fractions	6.A.2 Compare and order whole numbers, fractions and decimals using concrete materials, drawings and mathematical symbols.	6.3.03, 8.3.02, 8.3.03, 8.3.05
14g	Unit Fractions	Comparing Unit Fractions: Missing Comparison	6.A.2 Compare and order whole numbers, fractions and decimals using concrete materials, drawings and mathematical symbols.	6.3.03, 8.3.02, 8.3.03
15a	Non-Unit Fractions	Advanced Non-Unit Fractions: Missing Part	6.B.2 Solve one- and two-step problems involving whole numbers, fractions and decimals using addition, subtraction, multiplication and division.	6.3.03, 8.3.02, 8.3.03, 8.3.05
15b	Non-Unit Fractions	Advanced Non-Unit Fractions Fluency: Missing Part	6.B.2 Solve one- and two-step problems involving whole numbers, fractions and decimals using addition, subtraction, multiplication and division.	6.3.03, 8.3.02, 8.3.03, 8.3.05
15c	Non-Unit Fractions	Advanced Non-Unit Fractions Fluency: Missing Whole	6.B.2 Solve one- and two-step problems involving whole numbers, fractions and decimals using addition, subtraction, multiplication and division.	6.3.03, 8.3.02, 8.3.03
15d	Non-Unit Fractions	Advanced Non-Unit Fractions: Missing Whole	6.B.2 Solve one- and two-step problems involving whole numbers, fractions and decimals using addition, subtraction, multiplication and division.	6.3.03, 8.3.02, 8.3.03, 8.3.05

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#	Stage	Concept	Standard	Objective
15e	Non-Unit Fractions	Advanced Non-Unit Fractions: Missing Relationship	6.B.2 Solve one- and two-step problems involving whole numbers, fractions and decimals using addition, subtraction, multiplication and division.	6.3.03, 8.3.02, 8.3.03, 8.3.05
15f	Non-Unit Fractions	Comparing Non-Unit Fractions	6.B.2 Solve one- and two-step problems involving whole numbers, fractions and decimals using addition, subtraction, multiplication and division.	6.3.03, 8.3.02, 8.3.03
15g	Non-Unit Fractions	Comparing Non-Unit Fractions: Missing Comparison	6.B.2 Solve one- and two-step problems involving whole numbers, fractions and decimals using addition, subtraction, multiplication and division.	6.3.03, 8.3.02, 8.3.03
16a	Not Greater & Not Less	Not Greater Than	6.A.2 Compare and order whole numbers, fractions and decimals using concrete materials, drawings and mathematical symbols.	6.3.01, 6.3.02, 6.3.05, 6.3.08, 8.3.02, 8.3.03
16b	Not Greater & Not Less	Not Less Than	6.A.2 Compare and order whole numbers, fractions and decimals using concrete materials, drawings and mathematical symbols.	6.3.01, 6.3.02, 6.3.05, 6.3.08, 8.3.02, 8.3.03
16c	Not Greater & Not Less	Negative Inequalities	6.A.2 Compare and order whole numbers, fractions and decimals using concrete materials, drawings and mathematical symbols.	6.3.01, 6.3.02, 6.3.05, 6.3.08, 8.3.02, 8.3.03
16d	Not Greater & Not Less	Missing Comparisons (Negation)	6.A.2 Compare and order whole numbers, fractions and decimals using concrete materials, drawings and mathematical symbols.	6.3.01, 6.3.02, 6.3.05, 6.3.08, 8.3.02, 8.3.03
17a	Improper Fractions	Improper Fractions: Missing Part	6.B.2 Solve one- and two-step problems involving whole numbers, fractions and decimals using addition, subtraction, multiplication and division.	6.3.03, 8.3.02, 8.3.03, 8.3.05
17b	Improper Fractions	Improper Fractions Fluency: Missing Part	6.B.2 Solve one- and two-step problems involving whole numbers, fractions and decimals using addition, subtraction, multiplication and division.	6.3.03, 8.3.02, 8.3.03
17c	Improper Fractions	Improper Fractions: Missing Whole	6.B.2 Solve one- and two-step problems involving whole numbers, fractions and decimals using addition, subtraction, multiplication and division.	6.3.03, 8.3.02, 8.3.03, 8.3.05
17d	Improper Fractions	Improper Fractions Fluency: Missing Whole	6.B.2 Solve one- and two-step problems involving whole numbers, fractions and decimals using addition, subtraction, multiplication and division.	6.3.03, 8.3.02, 8.3.03
17e	Improper Fractions	Improper Fractions: Missing Relationship	6.B.2 Solve one- and two-step problems involving whole numbers, fractions and decimals using addition, subtraction, multiplication and division.	6.3.03, 8.3.02, 8.3.03, 8.3.05
17f	Improper Fractions	Comparing Improper Fractions	6.A.2 Compare and order whole numbers, fractions and decimals using concrete materials, drawings and mathematical symbols.	6.3.03, 8.3.02, 8.3.03
17g	Improper Fractions	Comparing Improper Fractions: Missing Operator	6.A.2 Compare and order whole numbers, fractions and decimals using concrete materials, drawings and mathematical symbols.	6.3.03, 8.3.02, 8.3.03