

Intervention Checklist

GRADES
1 to 5

Operations and Algebraic Thinking:
Addition and Subtraction

Category 1: Approaches to Solving Single-Digit Addition and Subtraction Situational Word Problems

Category I	<p>1. Mary has 6 cookies. She gets 6 more cookies. How many cookies does she have altogether? Add To, Result Unknown</p>	<p>2. Joe has 5 red pencils and 8 green pencils in his case. How many pencils does he have in the case? Put Together, Total Unknown</p>	<p>3. Sam has 12 pieces of candy. He eats 5 pieces. How many pieces of candy does he have left? Take From, Result Unknown</p>	<p>4. Jen has 16 books. 7 of the books are mysteries and the rest are about animals. How many animal books does Jen have? Take Apart, Addend Unknown</p>	<p>5. Jean has 8 cookies. She gets some more cookies. Now she has 14 cookies. How many more cookies did she get? Add To, Change Unknown</p>
Makes Sense	<p>___ Makes sense of situations ___ Identifies what is to be figured out</p>	<p>___ Makes sense of situations ___ Identifies what is to be figured out</p>	<p>___ Makes sense of situations ___ Identifies what is to be figured out</p>	<p>___ Makes sense of situations ___ Identifies what is to be figured out</p>	<p>___ Makes sense of situations ___ Identifies what is to be figured out</p>
Creates Representations	<p>___ Creates a diagram ___ Uses manipulatives ___ Makes a number line ___ Uses hundreds chart ___ Writes an accurate equation ___ Other _____</p>	<p>___ Creates a diagram ___ Uses manipulatives ___ Makes a number line ___ Uses hundreds chart ___ Writes an accurate equation ___ Other _____</p>	<p>___ Creates a diagram ___ Uses manipulatives ___ Makes a number line ___ Uses hundreds chart ___ Writes an accurate equation ___ Other _____</p>	<p>___ Creates a diagram ___ Uses manipulatives ___ Makes a number line ___ Uses hundreds chart ___ Writes an accurate equation ___ Other _____</p>	<p>___ Creates a diagram ___ Uses manipulatives ___ Makes a number line ___ Uses hundreds chart ___ Writes an accurate equation ___ Other _____</p>
Uses Reliable Strategy	<p>Addition ___ Uses representation ___ Counts all ___ Adds on (from first addend, from greater addend) ___ Knows as a fact ___ Uses a related fact ___ Other _____</p> <p>Subtraction ___ Uses representation ___ Counts all ___ Counts back ___ Knows as a fact ___ Uses a related fact ___ Other _____</p>	<p>Addition ___ Uses representation ___ Counts all ___ Adds on (from first addend, from greater addend) ___ Knows as a fact ___ Uses a related fact ___ Other _____</p> <p>Subtraction ___ Uses representation ___ Counts all ___ Counts back ___ Knows as a fact ___ Uses a related fact ___ Other _____</p>	<p>Addition ___ Uses representation ___ Adds on (from first addend, from greater addend) ___ Knows as a fact ___ Uses a related fact ___ Other _____</p> <p>Subtraction ___ Uses representation ___ Counts all ___ Counts back ___ Knows as a fact ___ Uses a related fact ___ Other _____</p>	<p>Addition ___ Uses representation ___ Counts back ___ Adds on (from first addend, from greater addend) ___ Knows as a fact ___ Uses a related fact ___ Other _____</p> <p>Subtraction ___ Uses representation ___ Counts all ___ Counts back ___ Knows as a fact ___ Uses a related fact ___ Other _____</p>	<p>Addition ___ Uses representation ___ Counts back ___ Adds on (from first addend, from greater addend) ___ Knows as a fact ___ Uses a related fact ___ Other _____</p> <p>Subtraction ___ Uses representation ___ Counts all ___ Counts back ___ Knows as a fact ___ Uses a related fact ___ Other _____</p>
Provides Explanation	<p>___ Identifies the parts and whole ___ Gives meaning of the numbers ___ Explains the relationship between the operation and the context of the word problem</p>	<p>___ Identifies the parts and whole ___ Gives meaning of the numbers ___ Explains the relationship between the operation and the context of the word problem</p>	<p>___ Identifies the parts and whole ___ Gives meaning of the numbers ___ Explains the relationship between the operation and the context of the word problem</p>	<p>___ Identifies the parts and whole ___ Gives meaning of the numbers ___ Explains the relationship between the operation and the context of the word problem</p>	<p>___ Identifies the parts and whole ___ Gives meaning of the numbers ___ Explains the relationship between the operation and the context of the word problem</p>

To look across all 10 items of Category I, affix page 2 of the Category I checklist here.

Category 1: Approaches to Solving Single-Digit Addition and Subtraction Situational Word Problems

Category 1	<p>6. <i>Jake has some animal books. He has 7 car books. Altogether he has 12 books. How many of the books are animal books?</i> Put Together, Addend Unknown</p>	<p>7. <i>Tabitha has 11 star stickers. She puts some of the star stickers on her paper. She has 5 star stickers left. How many did she put on her paper?</i> Take From, Change Unknown</p>	<p>8. <i>Some oranges are on the table. Tom ate 8 of the oranges. How many oranges were on the table if Tom has 9 oranges now?</i> Take From, Start Unknown <i>*Not an expectation until Grade 2</i></p>	<p>9. <i>Mary has 8 rings and John has 12 rings. How many more rings does John have than Mary?</i> Compare/More, Difference Unknown <i>*Not an expectation until Grade 2</i></p>	<p>10. <i>Matt has 7 balls and Jim has 13 balls. How many fewer balls does Matt have than Jim?</i> Compare/Fewer, Difference Unknown <i>*Not an expectation until Grade 2</i></p>
Makes Sense	<input type="checkbox"/> Makes sense of situations <input type="checkbox"/> Identifies what is to be figured out	<input type="checkbox"/> Makes sense of situations <input type="checkbox"/> Identifies what is to be figured out	<input type="checkbox"/> Makes sense of situations <input type="checkbox"/> Identifies what is to be figured out	<input type="checkbox"/> Makes sense of situations <input type="checkbox"/> Identifies what is to be figured out	<input type="checkbox"/> Makes sense of situations <input type="checkbox"/> Identifies what is to be figured out
Creates Representations	<input type="checkbox"/> Creates a diagram <input type="checkbox"/> Uses manipulatives <input type="checkbox"/> Makes a number line <input type="checkbox"/> Uses hundreds chart <input type="checkbox"/> Writes an accurate equation <input type="checkbox"/> Other _____	<input type="checkbox"/> Creates a diagram <input type="checkbox"/> Uses manipulatives <input type="checkbox"/> Makes a number line <input type="checkbox"/> Uses hundreds chart <input type="checkbox"/> Writes an accurate equation <input type="checkbox"/> Other _____	<input type="checkbox"/> Creates a diagram <input type="checkbox"/> Uses manipulatives <input type="checkbox"/> Makes a number line <input type="checkbox"/> Uses hundreds chart <input type="checkbox"/> Writes an accurate equation <input type="checkbox"/> Other _____	<input type="checkbox"/> Creates a diagram <input type="checkbox"/> Uses manipulatives <input type="checkbox"/> Makes a number line <input type="checkbox"/> Uses hundreds chart <input type="checkbox"/> Writes an accurate equation <input type="checkbox"/> Other _____	<input type="checkbox"/> Creates a diagram <input type="checkbox"/> Uses manipulatives <input type="checkbox"/> Makes a number line <input type="checkbox"/> Uses hundreds chart <input type="checkbox"/> Writes an accurate equation <input type="checkbox"/> Other _____
Uses Reliable Strategy	<p>Addition</p> <input type="checkbox"/> Uses representation <input type="checkbox"/> Counts back <input type="checkbox"/> Adds on (from first addend, from greater addend) <input type="checkbox"/> Knows as a fact <input type="checkbox"/> Uses a related fact <input type="checkbox"/> Other _____	<p>Addition</p> <input type="checkbox"/> Uses representation <input type="checkbox"/> Counts back <input type="checkbox"/> Adds on (from first addend, from greater addend) <input type="checkbox"/> Knows as a fact <input type="checkbox"/> Uses a related fact <input type="checkbox"/> Other _____	<p>Addition</p> <input type="checkbox"/> Uses representation <input type="checkbox"/> Counts back <input type="checkbox"/> Adds on (from first addend, from greater addend) <input type="checkbox"/> Knows as a fact <input type="checkbox"/> Uses a related fact <input type="checkbox"/> Other _____	<p>Addition</p> <input type="checkbox"/> Uses representation <input type="checkbox"/> Counts back <input type="checkbox"/> Adds on (from first addend, from greater addend) <input type="checkbox"/> Knows as a fact <input type="checkbox"/> Uses a related fact <input type="checkbox"/> Other _____	<p>Addition</p> <input type="checkbox"/> Uses representation <input type="checkbox"/> Counts back <input type="checkbox"/> Adds on (from first addend, from greater addend) <input type="checkbox"/> Knows as a fact <input type="checkbox"/> Uses a related fact <input type="checkbox"/> Other _____
Provides Explanation	<input type="checkbox"/> Identifies the parts and whole <input type="checkbox"/> Gives meaning of the numbers <input type="checkbox"/> Explains the relationship between the operation and the context of the word problem.	<input type="checkbox"/> Identifies the parts and whole <input type="checkbox"/> Gives meaning of the numbers <input type="checkbox"/> Explains the relationship between the operation and the context of the word problem.	<input type="checkbox"/> Identifies the parts and whole <input type="checkbox"/> Gives meaning of the numbers <input type="checkbox"/> Explains the relationship between the operation and the context of the word problem.	<input type="checkbox"/> Identifies the parts and whole <input type="checkbox"/> Indicates that there are two sets being compared <input type="checkbox"/> Gives meaning of the numbers <input type="checkbox"/> Explains the relationship between the operation and the context of the word problem	<input type="checkbox"/> Identifies the parts and whole <input type="checkbox"/> Indicates that there are two sets being compared <input type="checkbox"/> Gives meaning of the numbers <input type="checkbox"/> Explains the relationship between the operation and the context of the word problem
Uses Reliable Strategy	<p>Subtraction</p> <input type="checkbox"/> Uses representation <input type="checkbox"/> Counts all <input type="checkbox"/> Counts back <input type="checkbox"/> Knows as a fact <input type="checkbox"/> Uses a related fact <input type="checkbox"/> Other _____	<p>Subtraction</p> <input type="checkbox"/> Uses representation <input type="checkbox"/> Counts all <input type="checkbox"/> Counts back <input type="checkbox"/> Knows as a fact <input type="checkbox"/> Uses a related fact <input type="checkbox"/> Other _____	<p>Subtraction</p> <input type="checkbox"/> Uses representation <input type="checkbox"/> Counts all <input type="checkbox"/> Counts back <input type="checkbox"/> Knows as a fact <input type="checkbox"/> Uses a related fact <input type="checkbox"/> Other _____	<p>Subtraction</p> <input type="checkbox"/> Uses representation <input type="checkbox"/> Counts all <input type="checkbox"/> Counts back <input type="checkbox"/> Knows as a fact <input type="checkbox"/> Uses a related fact <input type="checkbox"/> Other _____	<p>Subtraction</p> <input type="checkbox"/> Uses representation <input type="checkbox"/> Counts all <input type="checkbox"/> Counts back <input type="checkbox"/> Knows as a fact <input type="checkbox"/> Uses a related fact <input type="checkbox"/> Other _____

Category II: Approaches to Solving Two-Digit Addition and Subtraction Situational Word Problems

Category II	1. <i>Mary has 26 cookies. She gets 36 more cookies. How many cookies does she have altogether?</i> Add To, Result Unknown	2. <i>Joe has 35 red pencils and 48 green pencils in his case. How many pencils does he have in the case?</i> Put Together, Total Unknown	3. <i>Sam has 62 pieces of candy. He eats 25 pieces. How many pieces of candy does he have left?</i> Take From, Result Unknown
Makes Sense	<input type="checkbox"/> Makes sense of situations <input type="checkbox"/> Identifies what is to be figured out	<input type="checkbox"/> Makes sense of situations <input type="checkbox"/> Identifies what is to be figured out	<input type="checkbox"/> Makes sense of situations <input type="checkbox"/> Identifies what is to be figured out
Creates Representations	<input type="checkbox"/> Creates a diagram <input type="checkbox"/> Uses manipulatives <input type="checkbox"/> Makes a number line <input type="checkbox"/> Uses hundreds chart <input type="checkbox"/> Writes an accurate equation <input type="checkbox"/> Other _____	<input type="checkbox"/> Creates a diagram <input type="checkbox"/> Uses manipulatives <input type="checkbox"/> Makes a number line <input type="checkbox"/> Uses hundreds chart <input type="checkbox"/> Writes an accurate equation <input type="checkbox"/> Other _____	<input type="checkbox"/> Creates a diagram <input type="checkbox"/> Uses manipulatives <input type="checkbox"/> Makes a number line <input type="checkbox"/> Uses hundreds chart <input type="checkbox"/> Writes an accurate equation <input type="checkbox"/> Other _____
Uses Reliable Strategy	<p>Addition</p> <input type="checkbox"/> Uses representation <input type="checkbox"/> Counts all <input type="checkbox"/> Adds on (from first addend, from greater addend) <input type="checkbox"/> Decomposes by place value before adding <input type="checkbox"/> Makes “friendly” number before adding <input type="checkbox"/> Knows as a fact <input type="checkbox"/> Uses a related fact <input type="checkbox"/> Other _____ <p>Subtraction</p> <input type="checkbox"/> Uses representation <input type="checkbox"/> Counts all <input type="checkbox"/> Counts back <input type="checkbox"/> Decomposes and subtracts in steps <input type="checkbox"/> Makes “friendly” number before subtracting <input type="checkbox"/> Knows as a fact <input type="checkbox"/> Uses a related fact <input type="checkbox"/> Other _____	<p>Addition</p> <input type="checkbox"/> Uses representation <input type="checkbox"/> Counts all <input type="checkbox"/> Adds on (from first addend, from greater addend) <input type="checkbox"/> Decomposes by place value before adding <input type="checkbox"/> Makes “friendly” number before adding <input type="checkbox"/> Knows as a fact <input type="checkbox"/> Uses a related fact <input type="checkbox"/> Other _____ <p>Subtraction</p> <input type="checkbox"/> Uses representation <input type="checkbox"/> Counts all <input type="checkbox"/> Counts back <input type="checkbox"/> Decomposes and subtracts in steps <input type="checkbox"/> Makes “friendly” number before subtracting <input type="checkbox"/> Knows as a fact <input type="checkbox"/> Uses a related fact <input type="checkbox"/> Other _____	<p>Addition</p> <input type="checkbox"/> Uses representation <input type="checkbox"/> Counts all <input type="checkbox"/> Adds on (from first addend, from greater addend) <input type="checkbox"/> Decomposes by place value before adding <input type="checkbox"/> Makes “friendly” number before adding <input type="checkbox"/> Knows as a fact <input type="checkbox"/> Uses a related fact <input type="checkbox"/> Other _____ <p>Subtraction</p> <input type="checkbox"/> Uses representation <input type="checkbox"/> Counts all <input type="checkbox"/> Counts back <input type="checkbox"/> Decomposes and subtracts in steps <input type="checkbox"/> Makes “friendly” number before subtracting <input type="checkbox"/> Knows as a fact <input type="checkbox"/> Uses a related fact <input type="checkbox"/> Other _____
Provides Explanation	<input type="checkbox"/> Identifies the parts and whole <input type="checkbox"/> Gives meaning of the numbers <input type="checkbox"/> Explains the relationship between the operation and the context of the word problem	<input type="checkbox"/> Identifies the parts and whole <input type="checkbox"/> Gives meaning of the numbers <input type="checkbox"/> Explains the relationship between the operation and the context of the word problem	<input type="checkbox"/> Identifies the parts and whole <input type="checkbox"/> Gives meaning of the numbers <input type="checkbox"/> Explains the relationship between the operation and the context of the word problem

To look across all 6 items of Category II, affix page 2 of the Category II checklist here.

Category II: Approaches to Solving Two-Digit Addition and Subtraction Situational Word Problems

Category II	<p>4. <i>Tabitha has 81 star stickers. She puts some of her star stickers on her paper. She has 35 star stickers left. How many star stickers did she use?</i> Take From, Change Unknown</p>	<p>5. <i>There were some oranges on the table. Tom ate 28 of the oranges. There are 19 oranges on the table now. How many oranges were on the table?</i> Take From, Start Unknown</p>	<p>6. <i>Mary has 48 rings and John has 92 rings. How many more rings does John have than Mary?</i> Compare/More, Difference Unknown</p>
Makes Sense	<p>___ Makes sense of situations ___ Identifies what is to be figured out</p>	<p>___ Makes sense of situations ___ Identifies what is to be figured out</p>	<p>___ Makes sense of situations ___ Identifies what is to be figured out</p>
Creates Representations	<p>___ Creates a diagram ___ Uses manipulatives ___ Makes a number line ___ Uses hundreds chart ___ Writes an accurate equation ___ Other _____</p>	<p>___ Creates a diagram ___ Uses manipulatives ___ Makes a number line ___ Uses hundreds chart ___ Writes an accurate equation ___ Other _____</p>	<p>___ Creates a diagram ___ Uses manipulatives ___ Makes a number line ___ Uses hundreds chart ___ Writes an accurate equation ___ Other _____</p>
Uses Reliable Strategy	<p>Addition ___ Uses representation ___ Counts all ___ Adds on (from first addend, from greater addend) ___ Decomposes by place value before adding ___ Makes “friendly” number before adding ___ Knows as a fact ___ Uses a related fact ___ Other _____</p> <p>Subtraction ___ Uses representation ___ Counts all ___ Counts back ___ Decomposes and subtracts in steps ___ Makes “friendly” number before subtracting ___ Knows as a fact ___ Uses a related fact ___ Other _____</p>	<p>Addition ___ Uses representation ___ Counts all ___ Adds on (from first addend, from greater addend) ___ Decomposes by place value before adding ___ Makes “friendly” number before adding ___ Knows as a fact ___ Uses a related fact ___ Other _____</p> <p>Subtraction ___ Uses representation ___ Counts all ___ Counts back ___ Decomposes and subtracts in steps ___ Makes “friendly” number before subtracting ___ Knows as a fact ___ Uses a related fact ___ Other _____</p>	<p>Addition ___ Uses representation ___ Counts all ___ Adds on (from first addend, from greater addend) ___ Decomposes by place value before adding ___ Makes “friendly” number before adding ___ Knows as a fact ___ Uses a related fact ___ Other _____</p> <p>Subtraction ___ Uses representation ___ Counts all ___ Counts back ___ Decomposes and subtracts in steps ___ Makes “friendly” number before subtracting ___ Knows as a fact ___ Uses a related fact ___ Other _____</p>
Provides Explanation	<p>___ Identifies the parts and whole ___ Gives meaning of the numbers ___ Explains the relationship between the operation and the context of the word problem</p>	<p>___ Identifies the parts and whole ___ Indicates that there are two sets being compared ___ Gives meaning of the numbers ___ Explains the relationship between the operation and the context of the word problem</p>	<p>___ Identifies the parts and whole ___ Indicates that there are two sets being compared ___ Gives meaning of the numbers ___ Explains the relationship between the operation and the context of the word problem</p>

Category III: Approaches to Solving Three-Digit Addition and Subtraction Situational Word Problems

Category III	1. Sue has 226 pencils. She gets 336 more pencils. How many pencils does she have altogether? Add To, Result Unknown	2. Joseph has 345 red pencils and 248 green pencils in his case. How many pencils does he have in the case? Put Together, Total Unknown	3. Sam has 462 pieces of candy. He eats 325 pieces of candy. How many pieces of candy does he have left? Take From, Result Unknown
Makes Sense	<input type="checkbox"/> Makes sense of situations <input type="checkbox"/> Identifies what is to be figured out	<input type="checkbox"/> Makes sense of situations <input type="checkbox"/> Identifies what is to be figured out	<input type="checkbox"/> Makes sense of situations <input type="checkbox"/> Identifies what is to be figured out
Creates Representations	<input type="checkbox"/> Creates a diagram <input type="checkbox"/> Uses manipulatives <input type="checkbox"/> Makes a number line <input type="checkbox"/> Uses hundreds chart <input type="checkbox"/> Writes an accurate equation <input type="checkbox"/> Other _____	<input type="checkbox"/> Creates a diagram <input type="checkbox"/> Uses manipulatives <input type="checkbox"/> Makes a number line <input type="checkbox"/> Uses hundreds chart <input type="checkbox"/> Writes an accurate equation <input type="checkbox"/> Other _____	<input type="checkbox"/> Creates a diagram <input type="checkbox"/> Uses manipulatives <input type="checkbox"/> Makes a number line <input type="checkbox"/> Uses hundreds chart <input type="checkbox"/> Writes an accurate equation <input type="checkbox"/> Other _____
Uses Reliable Strategy	<p>Addition</p> <input type="checkbox"/> Uses representation <input type="checkbox"/> Counts all <input type="checkbox"/> Adds on (from first addend, from greater addend) <input type="checkbox"/> Decomposes by place value before adding <input type="checkbox"/> Makes “friendly” number before adding <input type="checkbox"/> Uses standard algorithm <input type="checkbox"/> Uses a related fact <input type="checkbox"/> Other _____	<p>Addition</p> <input type="checkbox"/> Uses representation <input type="checkbox"/> Counts all <input type="checkbox"/> Adds on (from first addend, from greater addend) <input type="checkbox"/> Decomposes by place value before adding <input type="checkbox"/> Makes “friendly” number before adding <input type="checkbox"/> Uses standard algorithm <input type="checkbox"/> Uses a related fact <input type="checkbox"/> Other _____	<p>Addition</p> <input type="checkbox"/> Uses representation <input type="checkbox"/> Counts all <input type="checkbox"/> Adds on (from first addend, from greater addend) <input type="checkbox"/> Decomposes by place value before adding <input type="checkbox"/> Makes “friendly” number before adding <input type="checkbox"/> Uses standard algorithm <input type="checkbox"/> Uses a related fact <input type="checkbox"/> Other _____
Provides Explanation	<input type="checkbox"/> Identifies the parts and whole <input type="checkbox"/> Gives meaning of the numbers <input type="checkbox"/> Explains the relationship between the operation and the context of the word problem	<input type="checkbox"/> Identifies the parts and whole <input type="checkbox"/> Gives meaning of the numbers <input type="checkbox"/> Explains the relationship between the operation and the context of the word problem	<input type="checkbox"/> Identifies the parts and whole <input type="checkbox"/> Gives meaning of the numbers <input type="checkbox"/> Explains the relationship between the operation and the context of the word problem

To look across all 6 items of Category III, affix page 2 of the Category III checklist here.

Category III: Approaches to Solving Three-Digit Addition and Subtraction Situational Word Problems

Category III	<p>4. <i>Tabitha has 681 star stickers. She puts some of her star stickers on her paper. She has 435 star stickers left. How many star stickers did she use?</i> Take From, Change Unknown</p>	<p>5. <i>There were some oranges on the table. Tom ate 128 of the oranges. There are 319 oranges on the table now. How many oranges were on the table?</i> Take From, Start Unknown</p>	<p>6. <i>Mary has 448 rings and John has 592 rings. How many more rings does John have than Mary?</i> Compare/More, Difference Unknown</p>
Makes Sense	<input type="checkbox"/> Makes sense of situations <input type="checkbox"/> Identifies what is to be figured out	<input type="checkbox"/> Makes sense of situations <input type="checkbox"/> Identifies what is to be figured out	<input type="checkbox"/> Makes sense of situations <input type="checkbox"/> Identifies what is to be figured out
Creates Representations	<input type="checkbox"/> Creates a diagram <input type="checkbox"/> Uses manipulatives <input type="checkbox"/> Makes a number line <input type="checkbox"/> Uses hundreds chart <input type="checkbox"/> Writes an accurate equation <input type="checkbox"/> Other _____	<input type="checkbox"/> Creates a diagram <input type="checkbox"/> Uses manipulatives <input type="checkbox"/> Makes a number line <input type="checkbox"/> Uses hundreds chart <input type="checkbox"/> Writes an accurate equation <input type="checkbox"/> Other _____	<input type="checkbox"/> Creates a diagram <input type="checkbox"/> Uses manipulatives <input type="checkbox"/> Makes a number line <input type="checkbox"/> Uses hundreds chart <input type="checkbox"/> Writes an accurate equation <input type="checkbox"/> Other _____
Uses Reliable Strategy	<p>Addition</p> <input type="checkbox"/> Uses representation <input type="checkbox"/> Counts all <input type="checkbox"/> Adds on (from first addend, from greater addend) <input type="checkbox"/> Decomposes by place value before adding <input type="checkbox"/> Makes “friendly” number before adding <input type="checkbox"/> Uses standard algorithm <input type="checkbox"/> Uses a related fact <input type="checkbox"/> Other _____	<p>Addition</p> <input type="checkbox"/> Uses representation <input type="checkbox"/> Counts all <input type="checkbox"/> Adds on (from first addend, from greater addend) <input type="checkbox"/> Decomposes by place value before adding <input type="checkbox"/> Makes “friendly” number before adding <input type="checkbox"/> Uses standard algorithm <input type="checkbox"/> Uses a related fact <input type="checkbox"/> Other _____	<p>Addition</p> <input type="checkbox"/> Uses representation <input type="checkbox"/> Counts all <input type="checkbox"/> Adds on (from first addend, from greater addend) <input type="checkbox"/> Decomposes by place value before adding <input type="checkbox"/> Makes “friendly” number before adding <input type="checkbox"/> Uses standard algorithm <input type="checkbox"/> Uses a related fact <input type="checkbox"/> Other _____
Provides Explanation	<input type="checkbox"/> Identifies the parts and whole <input type="checkbox"/> Gives meaning of the numbers <input type="checkbox"/> Explains the relationship between the operation and the context of the word problem	<input type="checkbox"/> Identifies the parts and whole <input type="checkbox"/> Indicates that there are two sets being compared <input type="checkbox"/> Gives meaning of the numbers <input type="checkbox"/> Explains the relationship between the operation and the context of the word problem	<input type="checkbox"/> Identifies the parts and whole <input type="checkbox"/> Indicates that there are two sets being compared <input type="checkbox"/> Gives meaning of the numbers <input type="checkbox"/> Explains the relationship between the operation and the context of the word problem