

**Table 1: Common addition and subtraction situations**

|                  | <b>Result Unknown</b>                                                                                                | <b>Change Unknown</b>                                                                                                                                              | <b>Start Unknown</b>                                                                                                                                             |
|------------------|----------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Add to</b>    | Two bunnies sat on the grass. Three more bunnies hopped there. How many bunnies are on the grass now?<br>$2 + 3 = ?$ | Two bunnies were sitting on the grass. Some more bunnies hopped there. Then there were five bunnies. How many bunnies hopped over to the first two?<br>$2 + ? = 5$ | Some bunnies were sitting on the grass. Three more bunnies hopped there. Then there were five bunnies. How many bunnies were on the grass before?<br>$? + 3 = 5$ |
| <b>Take from</b> | Five apples were on the table. I ate two apples. How many apples are on the table now?<br>$5 - 2 = ?$                | Five apples were on the table. I ate some apples. Then there were three apples. How many apples did I eat?<br>$5 - ? = 3$                                          | Some apples were on the table. I ate two apples. Then there were three apples. How many apples were on the table before?<br>$? - 2 = 3$                          |

|                     | <b>Total Unknown</b>                                                                                     | <b>Addend Unknown</b>                                                                                                    | <b>Both Addends Unknown</b>                                                                                                                                                 |
|---------------------|----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Put Together</b> | Three red apples and two green apples are on the table. How many apples are on the table?<br>$3 + 2 = ?$ | Five apples are on the table. Three are red and the rest are green. How many apples are green?<br>$3 + ? = 5, 5 - 3 = ?$ | Grandma has five flowers. How many can she put in her red vase and how many in her blue vase?<br>$5 = 0 + 5, 5 = 5 + 0$<br>$5 = 1 + 4, 5 = 4 + 1$<br>$5 = 2 + 3, 5 = 3 + 2$ |
| <b>Take Apart</b>   |                                                                                                          |                                                                                                                          |                                                                                                                                                                             |

|                | <b>Difference Unknown</b>                                                                                                                                                                                                                                                            | <b>Bigger Unknown</b>                                                                                                                                                                                                                                                    | <b>Smaller Unknown</b>                                                                                                                                                                                                                                                     |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Compare</b> | (“How many more?” version):<br>Lucy has two apples. Julie has five apples. How many more apples does Julie have than Lucy?<br>(“How many fewer?” version):<br>Lucy has two apples. Julie has five apples. How many fewer apples does Lucy have than Julie?<br>$2 + ? = 5, 5 - 2 = ?$ | (Version with “more”):<br>Julie has three more apples than Lucy. Lucy has two apples. How many apples does Julie have?<br>(Version with “fewer”):<br>Lucy has 3 fewer apples than Julie. Lucy has two apples. How many apples does Julie have?<br>$2 + 3 = ?, 3 + 2 = ?$ | (Version with “more”):<br>Julie has three more apples than Lucy. Julie has five apples. How many apples does Lucy have?<br>(Version with “fewer”):<br>Lucy has 3 fewer apples than Julie. Julie has five apples. How many apples does Lucy have?<br>$5 - 3 = ?, ? + 3 = 5$ |

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