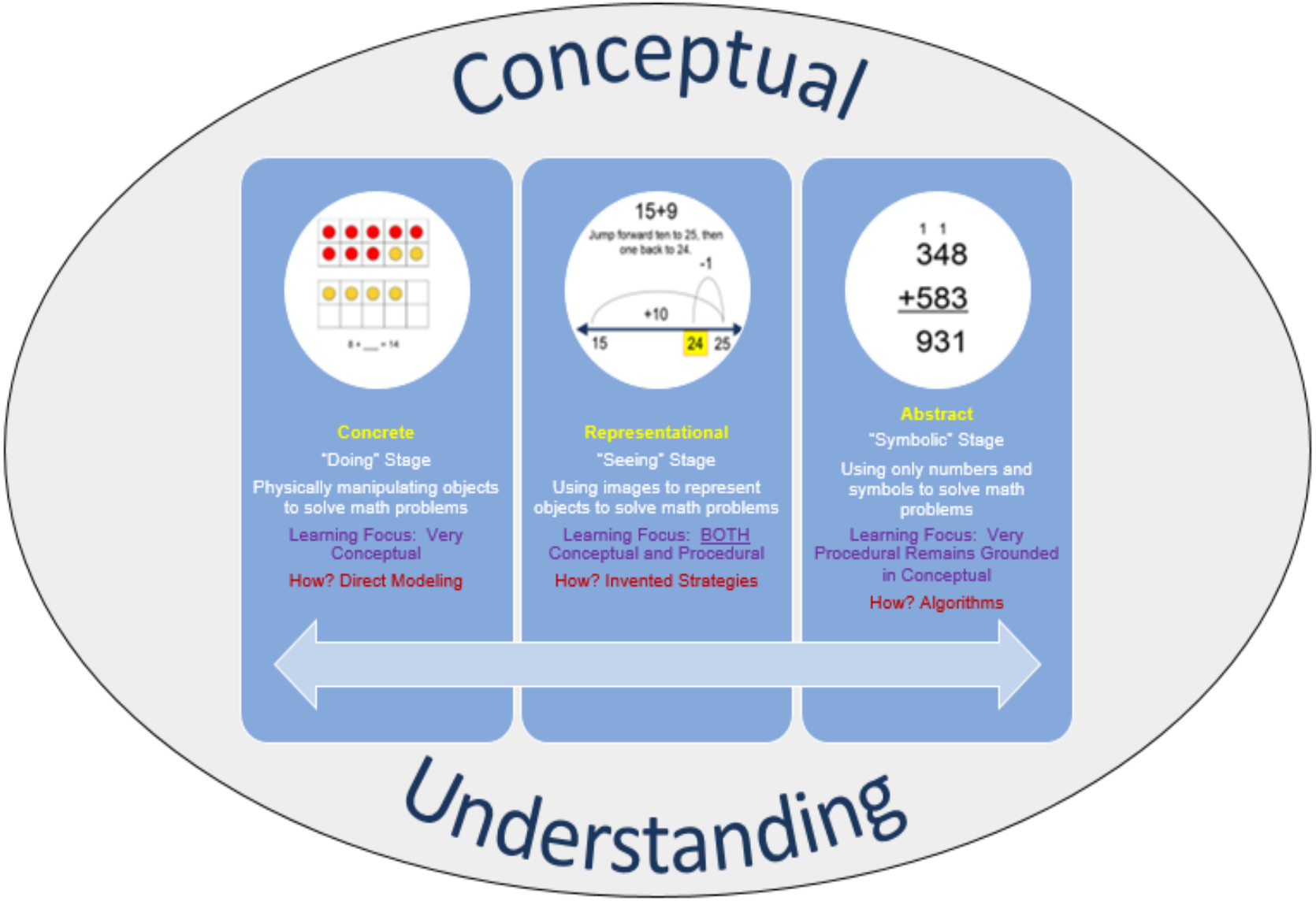
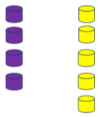
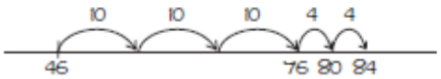
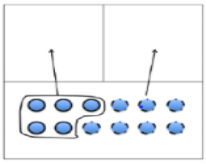
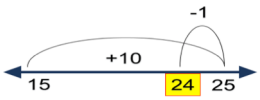
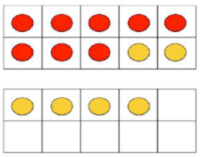
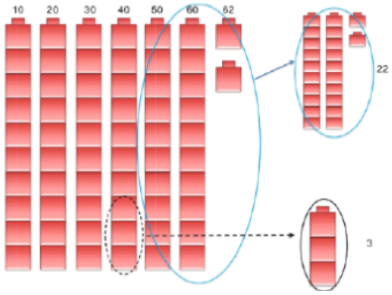
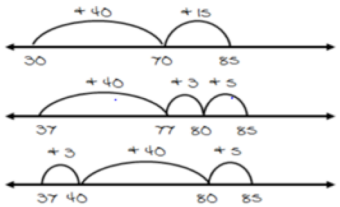
Addition Strategy Examples



Addition Strategy Examples

Concrete: Direct Modeling Examples	**Representational: Invented Strategies Examples**	**Abstract: Standard Algorithm(s) Examples**
Problem: Savannah had 4 pencils and her mom gave her 5 more. How many pencils does Savannah have now? **Solution Path:**  Student counts out 4 tiles and then counts out 5 more tiles. Then the student counts to get the answer 9.	**Problem:** 46 + 38 =? **Solution Path:** Counting On with an Open Number Line  	**Problem:** 74 + 25 **Solution Path:** Addition Algorithm without Regrouping 74 + 25 99
Problem: 12 – 5 =? 12 – 5 = 7 **Solution Path:** Part-Part-Whole 	**Problem:** 15 + 9 24 **Solution Path:** Counting Back with an Open Number line  	**Problem:** 245 + 57 **Solution Path:** Addition Algorithm with Regrouping 11 245 + 57 302
Problem: 8 + ___ = 14 **Solution Path:** Ten Frame with Counters 	**Problem:** 135 + 387 =? **Solution Path:** Decomposing/Composing 135 = 100 + 30 + 5 387 = 300 + 80 + 7 = 400 + 110 + 12 = 522	**Problem:** 135 + 387 =? **Solution Path:** Left-Hand Addition 135 + 387 400 110 + 12 522
Problem: 37 + 25 = ___ 37 + 25 = 62 **Solution Path**: Base Ten Blocks  	**Problem:** 37 + 48 =? **Solution Path:** Open Number Line  Student decomposes the numbers into friendly numbers that makes sense to them to use patterns in the **place value system** for addition.	**Problem:** 348 + 583 **Solution Path:** Left to Right Algorithm 348 + 583 800 +120 11 931