

# Primary Math: Computation and Problem Solving

## Whole Number Operations

### Whole Numbers: Addition and Subtraction

#### Students

#### Learning Continuum Statements:

##### Students:

##### RIT 111-120:

- Adds with sums within 5 given two sets of objects

##### Students:

##### RIT 121-130:

- Adds with sums within 5 given two sets of objects

##### Students:

##### RIT 131-140:

- Adds whole numbers with sums within 10 in horizontal format, given objects
- Adds whole numbers with sums within 5 in vertical format, given objects
- Adds with sums within 5 given two sets of objects

##### Students:

##### RIT 141-150:

- Adds whole numbers with sums within 10 in horizontal format, given objects
- Adds whole numbers with sums within 10 in vertical format
- Adds whole numbers with sums within 10, in horizontal format
- Adds whole numbers with sums within 5 in vertical format, given objects
- Adds whole numbers with sums within 5, in horizontal format
- Adds whole numbers with sums within 5, in vertical format
- Adds with sums within 10 given two sets of objects
- Composes ten using two sets of object

##### Students:

##### RIT 151-160:

- Adds three or more whole numbers with sums within 10, in horizontal format
- Adds whole numbers with sums within 10 in vertical format
- Adds whole numbers with sums within 10, in horizontal format
- Adds whole numbers with sums within 20, in horizontal format
- Adds whole numbers with sums within 20, in vertical format
- Adds whole numbers with sums within 5, in horizontal format
- Adds whole numbers with sums within 5, in vertical format
- Adds whole numbers within 20 using ten frames
- Adds with sums within 10 given two sets of objects
- Composes ten using two sets of objects
- Subtracts whole numbers within 10, in horizontal format
- Subtracts whole numbers within 10, in vertical format
- Subtracts whole numbers within 5, in horizontal format
- Subtracts whole numbers within 5, in vertical format

**Students:****RIT 161-170:**

- Adds three or more whole numbers with sums within 10, in horizontal format
- Adds three or more whole numbers with sums within 10, in vertical format
- Adds three or more whole numbers with sums within 100
- Adds three or more whole numbers with sums within 20, in horizontal format
- Adds whole numbers with sums within 10 in vertical format
- Adds whole numbers with sums within 10, in horizontal format
- Adds whole numbers with sums within 100, no regrouping
- Adds whole numbers with sums within 100, with regrouping
- Adds whole numbers with sums within 20, in horizontal format
- Adds whole numbers with sums within 20, in vertical format
- Finds the result when given how many more to count on
- Subtracts whole numbers within 10 using objects, in horizontal format
- Subtracts whole numbers within 10, in horizontal format
- Subtracts whole numbers within 10, in vertical format
- Subtracts whole numbers within 20, in horizontal format
- Subtracts whole numbers within 20, in vertical format
- Subtracts whole numbers within 5, in horizontal format
- Subtracts whole numbers within 5, in vertical format

**Students:****RIT 171-180:**

- Adds three or more whole numbers with sums within 100
- Adds three or more whole numbers with sums within 20, in horizontal format
- Adds three or more whole numbers with sums within 20, in vertical format
- Adds whole numbers with sums within 100, no regrouping
- Adds whole numbers with sums within 100, with regrouping
- Adds whole numbers with sums within 20, in horizontal format
- Adds whole numbers with sums within 20, in vertical format
- Subtracts whole numbers within 100, no regrouping
- Subtracts whole numbers within 20 using ten frames
- Subtracts whole numbers within 20, in horizontal format
- Subtracts whole numbers within 20, in vertical format

**Students:****RIT 181-190:**

- Adds three or more whole numbers with sums within 100
- Adds three or more whole numbers with sums within 100, with regrouping
- Adds whole numbers with sums within 1,000, with regrouping
- Adds whole numbers with sums within 100, no regrouping
- Subtracts whole numbers within 1,000, no regrouping
- Subtracts whole numbers within 100 using base-ten blocks, no regrouping
- Subtracts whole numbers within 100, no regrouping
- Subtracts whole numbers within 100, with regrouping
- Subtracts whole numbers within 20, in horizontal format
- Subtracts whole numbers within 20, in vertical format

**Students:****RIT 191-200:**

- Adds whole numbers with sums within 1,000, no regrouping
- Adds whole numbers with sums within 1,000, with regrouping
- Subtracts whole numbers within 1,000 using base-ten blocks, no regrouping
- Subtracts whole numbers within 1,000, no regrouping
- Subtracts whole numbers within 100, no regrouping
- Subtracts whole numbers within 100, with regrouping

**Students:****RIT 201-210:**

- Adds whole numbers with sums within 1,000, with regrouping
- Adds whole numbers within 1,000 using base-ten blocks, with regrouping
- Subtracts whole numbers within 1,000, with regrouping

**Students:****RIT 211-220:**

- Subtracts whole numbers within 1,000, with regrouping