## **Operations and Algebraic Thinking**

## Represent and solve problems involving addition and subtraction.

## Understand and apply properties of operations and the relationship between addition and subtraction.

1.OA.3—Apply properties of operations as strategies to add and subtract. Examples: If 8 + 3 = 11 is known, then 3 + 8 = 11 is also known. (Commutative property of addition.) To add 2 + 6 + 4, the second two numbers can be added to make a ten, so 2 + 6 + 4 = 2 + 10 = 12. (Associative property of addition.)

#### Add and subtract within 20.

## **Numbers and Operations in Base Ten**

#### **Understand Place Value.**

# Use place value understanding and properties of operations to add and subtract.

1.NBT.4—Add within 100, including adding a two-digit number and a one-digit number, and adding a two-digit number and a multiple of 10, using concrete models or drawings and



strategies based on place value, properties of operations, and/or the relationship between addition and subtraction; relate the strategy to a written method and explain the reasoning used. Understand that in adding two-digit numbers, one adds tens and tens, ones and ones; and sometimes it is necessary to compose a ten.

#### **Measurement and Data**

#### Tell and write time.

1.MD.3—Tell and write time in hours and half-hours using analog and digital clocks.

### **Geometry**

Reason with shapes and their attributes.

