

MATH FIRST GRADE I CANS

Operations and Algebraic Thinking

Represent and solve problems involving addition and subtraction

1.OA.1 I can demonstrate ways to solve addition and subtraction problems within 20 by adding to, taking from, putting together, taking apart, and comparing unknown numbers in all positions.

1.OA.2 I can solve word problems using addition for three whole numbers within 20 by using objects, drawings, and equations with an unknown number.

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

1.OA.3 I can demonstrate and model the properties of addition and subtraction and I know the relationship between subtraction and addition.

1.OA.4 I can understand subtraction as an unknown addend problem.

Add and subtract within 20

1.OA.5 I can add and subtract by counting by 2's, 10 more or 10 less...

1.OA.6 I can add and subtract within 20, using a variety of strategies such as counting on, making tens, decomposing a number, and/or using a relationship between adding and subtracting, equivalent but unknown sums.

Work with addition and subtraction equations

1.OA.7 I can understand the meaning of the equal sign.

1.OA.8 I can determine if addition and subtraction problems are true or false by determining the missing addend to make equations true or false.

Numbers and Operations in Base Ten

Extend the counting sequence

1.NBT.1 I can count, read, write, and represent any whole number to 120 starting at any number, using a variety of objects.

Understand place value

1.NBT.2 I can understand that the two digits of a two-digit number represent amounts of tens and ones.

1.NBT.2a I can recognize that a group of 10 ones is a unit of 10.

1.NBT.2b I can understand the numbers 11 to 19 are composed of ten plus one, two, three, four, five, six, seven, eight, nine.

1.NBT.2c I can understand the numbers 10, 20, 30, 40, 50, 60, 70, 80, 90 represent one, two, three, four, five, six, seven, eight, or nine tens and 0 ones.

1.NBT.3 I can compare two two-digit numbers based on meanings of the tens and ones digits using the symbols $>$, $=$, $<$.

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

1.NBT.4 I can use concrete models, drawings, place value, and mental math strategies to add and subtract within 100.

1.NBT.5 I can use concrete models, drawings, place value, and mental math strategies to subtract within 100.

1.NBT.6 I can mentally find 10 more or 10 less than the numbers without having to count. I can tell how I did it.

Measurement and Data

Measure lengths indirectly and by iterating length units

1.MD.1 I can compare measure objects and compare the length of two objects by using non standards measurement tools.

1.MD.2 I can use non-standard measurement tools without overlaps or gaps to get an accurate measurement.

Tell and write time

1.MD.3 I can tell and write time in hours and half hours using analog and digital clocks.

Represent and interpret data

1.MD.4 I can organize, represent, and interpret data with up to three categories (ask and answer questions about data)

Geometry

Reason with shapes and their attributes

1.G.1 I can distinguish between defining attributes (number of sides, open or closed) versus non-defining attributes (color, size) as well as build and draw these shapes.

1.G.2 I can use two and three dimensional shapes to build new shapes.

1.G.3 I can partition circles and rectangles into two and four equal shares by using the terminology of halves, fourths, and quarters, **and** use the phrases half of, fourth of and quarter of.

Math Vocabulary:

Commutative

Associative

Addend

Decomposing

Composing

Equivalent

Equation

Attributes

Sum

Analog

Digital

Subitize

Transivity

Iterating

Orientation

Categorical

Partition

Composite