## At a Glance Ind Irade Math

## Operations and algeleraic thinking

## 2.OA.A.I

'Use addition and subtraction within 100 to solve one- and two-step word problems involving situations of adding to, toking from, putting together, toking apart, and comparing, with |unknowns in all positions, eg, by using drawings and equations with a symbol for the unknown number to represent the problem.

## 2.OA.B. 2

Fluently add and subtract within 20 using mental
strategies. By end of Grade 2, know from memory all sums of two one-digit numbers

## 2.OA.C. 3

Determine whether a group of objects (up to 20) has an odd or even number of members, egg, by pairing objects or counting them by $2 s$; write an equation to express an even number as a sum of two equal addends

## 2.OA.C. 4

Use addition to find the total number of objects arranged in rectangular arrays with up to 5 rows and up to 5
columns; write an equation to express the total as a sum of equal addends.

- adding to/putting together
- taking from/taking apart
- comparing
with unknowns in all positions $67-42=$ ? $\quad 35 \cdot ?=54$


## one step

The boy had 27
pencils, then he
got 58 more.
How many does
he have now?
$27+58=?$

## two steps

The boy had 27 pencils, then he got 58 more. He gave 13 of them to his friends. How many does he have now?
$27+58=85$
$85-13=72$

$1+1=2$
Odd


Even
$2+2=4$ $3+3=6$
$4+4=8$
$5+5=10$


$$
5+5+5=15
$$

COCHLOL CORE STALDEARDS At a Glance 2nd MradeMath

## Number and Operations in Base Jen

2.NBT.A.I

Understand that the three digits of a threedigit number represent amounts of hundreds, tens, and ones; e.g., 706 equals 7 hundreds, 0 tens, and 6 ones.

## Undenstand the following as special cases (A. I.A-B):

## 2.NBT.A. I.A

100 can be thought of as a bundle of ten tens - called a "hundred:"


## 2.NBT.A. 2

Count within 1000; skip-count by 5s, 10s, and 100 s .

$$
\begin{gathered}
1,2,3,4 \ldots . .1,000 \\
5,10,15,20 \ldots 1,000 \\
10,20,30,40 \ldots 1,000 \\
100,200,300,400 \ldots 1,000
\end{gathered}
$$

## 2.NBT. A. 4 <br> 2.NBT.A. 4

Compare two three-digit numbers based on meanings of the hundreds, tens, and ones digits, using $>$, $=$, and < symbols to record the results of comparisons.

$$
247<561^{342=342} 750>439
$$

## 2. NBT B. 5

Fluently add and subtract within 100 using strategies based on place value, properties of operations, and/or the relationship between addition and subtraction

| $54+27=$ | $86-45=$ |
| :---: | :---: |
| $50+20=70$ | $80-40=40$ |
| $7+4=10$ |  |
| $70+11=81$ | $-5=41$ |
| $40+1=41$ |  |

$\frac{\text { hundreds }}{2} \frac{\text { tens }}{6} \frac{\text { ones }}{4}$
two hundred sixty four
$200+60+4$

## 2.NBT.A. 3

Read and write
numbers to 1000
using base-ten
numerals,
number names,
and expanded form

400
(four hundreds) (zero tens)

[^0]
## 2. NBT B 6

Mentally add 10 or 100 to a given number 100-900, and mentally subtract 10 or 100 from a given number 100-900

$$
+ \text { or }-10
$$

+ or - 100


## 2.NBT.B. 6

Explain why addition and subtraction strategies work using place value and the properties of operations


# COMLHON CORE STANDARDS <br> <br> At a Glance 

 <br> <br> At a Glance}

## 2nd MradeTMath - Measurement $\xi$ Data

2.MD.A.I

Measure the length of an object by selecting and using appropriate tools such as rulers, yardsticks, meter sticks, and measuring tapes

## E.

$$
0
$$

## 2.MD.A. 3

Estimate lengths using units of inches, feet centimeters, and meters

The hat is about 14 inches long.

## 2.MD.B. 5

Use addition and subtraction within 100 to solve word problems involving lengths that ane given in the same units, e.g., by using drawings (such as drawings of irulers) and equations with a symbol for the unknown number to represent the problem.

Jonas threw a ball 34 yards. Theo threw the ball 47 yards. How much farther did Theo throw the ball than Jonas?
$47-34=$ ?


## 2.MD.A. 4

Measure to determine how much longer one object is than another, expressing the length difference in terms of a standard length unit. \&h


The pencil is two inches longer than the apple.

## 2.MD.B. 6

Represent whole numbers as lengths from 0 on a number line diagram with equally spaced points corresponding to the numbers $0,1,2$, and represent whole-number sums and differences within 100 on a number line diagram

## | 2345678910 || 12

2.MD.C. 7

Tell and write time from analog and digital clocks to the nearest five minutes, using a.m. and p.m

eleven twenty five AM

## 2.MD.D. 9

Generate measurement data by measuring lengths of 'several objects to the nearest whole unit, on by making irepeated measurements of the same object. Show the I measurements by making a line plot, where the horizontal scale is marked loff in whole-number units. $\qquad$
2.MD.D. 10

Draw a picture graph and a bar graph (with single-unit scale) ito represent a data set with up to four categories. Solve |simple put-together, take-qpart, and compare problems | iusing information presented in a bar graph.


Solve word problems involving dollan bills, quarters, dimes, nickels, and pennies, using \$ and $\ddagger$ symbols appropriately.

If you have 2 dimes and 3 pennies, how many cents do you have?

$$
20 屯+3 屯=234
$$

## 2.MD.C. 8

## 

## 2nd SradeMath - Seometry

## 2.G.A.I

Recognize and draw shapes having specified attributes, such as a given number of angles on a given number of equal faces. Identify triangles, quadrilaterals, pentagons, hexagons, and cubes.

## 2.G.A. 2

Partition a rectangle into rows and columns of same-size squares and count to find the total number of them

| 1 | 6 | 11 | 16 | 21 | 26 | 31 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2 | 7 | 12 | 17 | 22 | 27 | 32 |
| 3 | 8 | 13 | 18 | 23 | 28 | 33 |
| 4 | 9 | 14 | 19 | 24 | 29 | 34 |
| 5 | 10 | 15 | 20 | 25 | 30 | 35 |





[^0]:    2.NBT.B. 6

    Add and subtract within 1000 , using concrete models ion drawings and strategies based on place value, properties of operations, and/or the relationship Ibetween addition and subtraction; relate the istrategy to a written method. Understand that in adding or subtracting three-digit numbers, one adds or subtracts 100 s and $100 \mathrm{~s}, 10$ s and 10 s , Is and is; and sometimes it is necessary to compose on decompose tens on hundreds.

