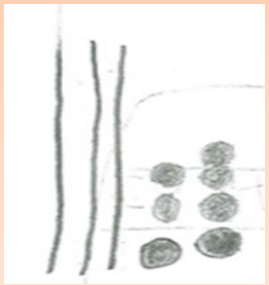
Grade 2 SNAP Number Sense

Draw To Represent The Value Of The Number

Number Sense Rubric: Proficient

- Pictures are clearly communicated and represent the value of the number
- Accurate

Curricular Content: Shows understanding of 10's and 1's



Curricular Content: Shows understanding of 10's and 1's

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Rationale:

- Students demonstrated they understand how a number can be decomposed into 10's and 1's.

Note:

- Students do not have to draw the value of the number in Base Ten. If they choose to make their own symbols, they need to include a value chart.

Goal:

- Students should organize the ones and tens together to show the combined value.

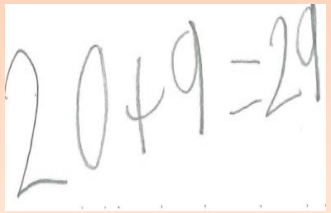
Grade 2 SNAP Number Sense

Write The Number In Expanded Form

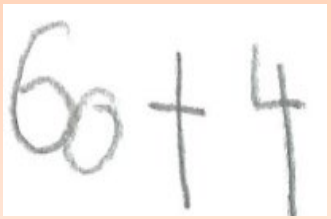
Number Sense Rubric: Proficient

- Accurately demonstrates the value of each digit

Curricular Content:
Understanding the relationship between digit places and their value, to 99 (e.g., the digit 2 in 29 has the value of 20)



Curricular Content:
Understanding the relationship between digit places and their value, to 99 (e.g., the digit 6 in 64 has the value of 60)



Curricular Content:
Understanding the relationship between digit places and their value, to 99 (e.g., the digit 3 in 37 has the value of 30)

Rationale:

- Students have correctly identified the value of the Tens and Ones Place.

Note:

- Students can use words to express the value of the Tens and Ones.
- Students can “break apart” the values. For example: 10 +10 + 10 +7 = 37

Goal:

- Students should use numbers that are the most efficient when showing Expanded Form.

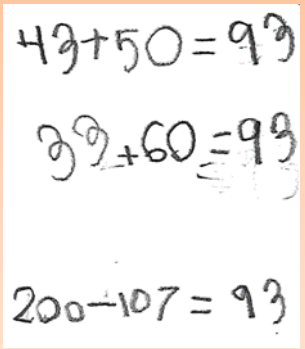
Grade 2 SNAP Number Sense

Create 3 Equations That Equal The Number

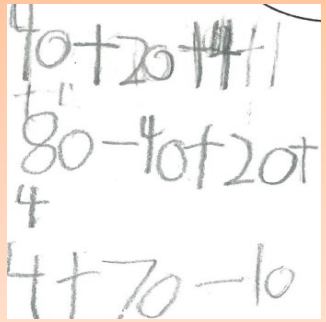
Number Sense Rubric: Proficient

- Accurately uses grade appropriate operations in all three equations

Curricular Content:
Decomposing numbers to 100

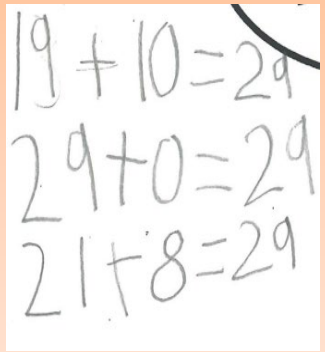


Curricular Content:
Decomposing numbers to 100



= 64

Curricular Content:
Decomposing numbers to 100



Rationale:

- In Grade 2, students should be attempting to use strategies such as looking for multiples of 10 or friendly numbers.
- Addition and subtraction with 2-digit + 2-digit equations or 2-digit + 1-digit equations are grade level examples.

Note:

- The equation used in the Expanded Form box should not be counted as one of the three examples.

Goal:

- Encourage 2-digit equations for the examples.

Grade 2 SNAP Number Sense

Write a Real-Life Example

Number Sense Rubric: Proficient

- Connection to a real-life example is provided
- Demonstrates understanding of the number value

Curricular Content:
Understanding of 10s and 1s

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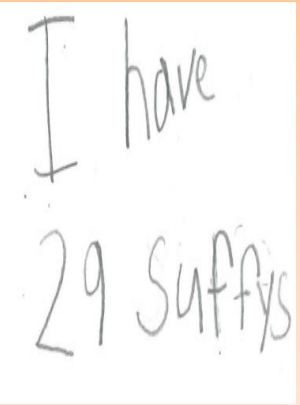
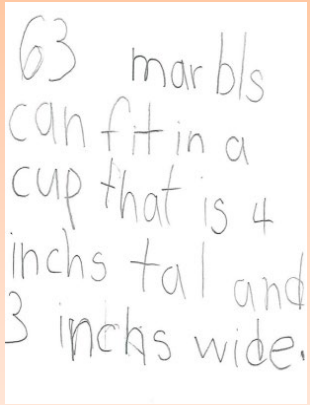
Understanding of 10s and 1s



Curricular Content:
Understanding of 10s and 1s



Rationale:

- Teaching real-life applications provides students context for their learning.

Note:

- The examples must be realistic and reasonable.

Goal:

- It is important that students demonstrate an understanding of value in their example.

Grade 2 SNAP Number Sense

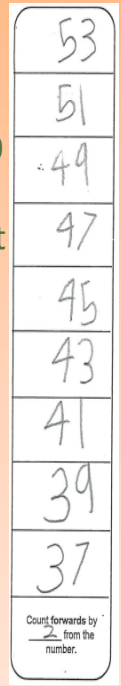
Counting Forward and Backwards

Number Sense Rubric: Proficient

- Complete and accurate; demonstrates understanding but may include a minor recording error

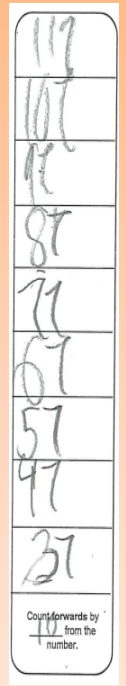
Curricular Content:
Skip-counting by 2, 5, and 10

Using different starting points forward and backward



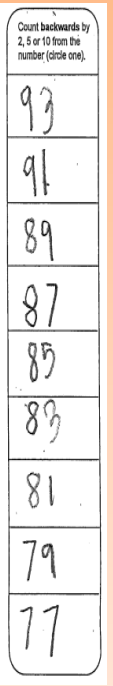
Curricular Content:
Skip-counting by 2, 5, and 10

Using different starting points forward and backward



Curricular Content:
Skip-counting by 2, 5, and 10

Using different starting points forward and backward



Rationale:

- Counting forward and backwards helps students to understand the value of the number in relation to other numbers.

Goal:

- Students should be able to count forwards and backwards from a variety of starting points.

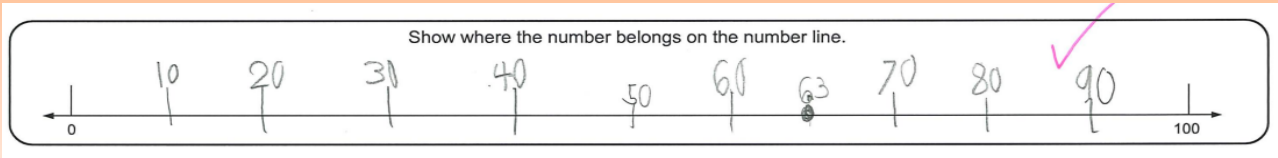
Grade 2 SNAP Number Sense

Number Line

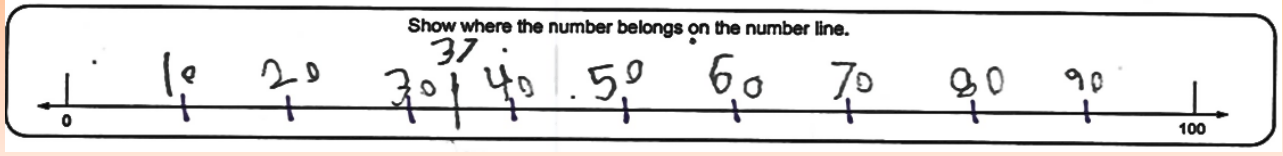
Number Sense Rubric: Proficient

- Correct estimate of placement of number on provided number line with at least three benchmarks and appropriate endpoints.

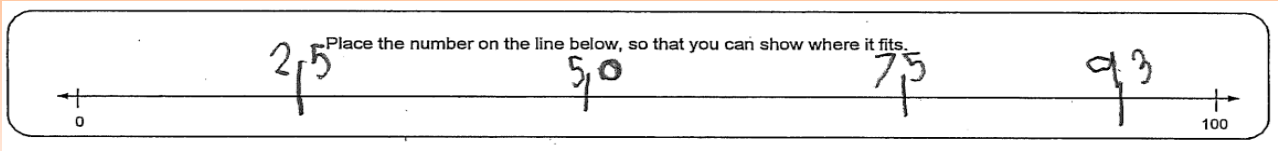
Curricular Content: Quantities to 100 can be arranged and recognized



Curricular Content: Quantities to 100 can be arranged and recognized



Curricular Content: Quantities to 100 can be arranged and recognized



Rationale:

- Students in Grade 2 should be able to compare and order numbers to 100 along a number line, using benchmarks such as 25 and 50.

Note:

- Students should be attempting to draw benchmarks that are equally spaced.

Goal:

- To demonstrate full proficiency, students will add benchmarks to their number line to help situate the number.