

Name:

Teacher:

Grade Three Math Snapshot

Assessment Summary

Competency / Content	Proficiency Marker		
Number Sense	Emerging	Developing	Proficient
Number Identification (1)			
Place Value (2-10)			
Ordering (11)			
Algebraic Thinking, Patterning, and Data Analysis			
Algebraic Thinking and Linear Relations (1)			
Patterning (2-4)			
Data Analysis (5)			
Measurement and Financial Literacy			
Measurement (1)			
Financial Literacy (2)			
Computational Fluency			
Anecdotal assessment of +/- basic fact fluency through observation/interview/games			
Addition (1)			
Subtraction (2-3)			

Grade Three

This grade three Math Skills Assessment has been designed as a formative assessment and universal screener for students entering grade three. The assessment is based on foundational skills from the prior year, and is designed to allow educators to identify the learning needs of students.

The information gained from this tool will serve as a universal screener and will inform individual, small group, and class instruction. It will also help identify patterns of instructional needs in a class as we work to ensure students master these foundational math skills.

Teachers are encouraged to administer the assessment in *small sections* during the first weeks of the semester. A small team of teachers will come together to mark the assessments and heat map the results by class.

This screener is an inventory of skills and does not represent the full, complex set of skills necessary for proficiency in mathematics. It can provide information to inform our Inclusive Education team about planning and support for student success.

Use the column to the right of each question to indicate student understanding using the following marking guide. Scoring of the assessment will not be calculated numerically, but rather will be looked at holistically to help inform instruction:

<p><u>Marking Guide</u> ✓ You got it ~ On the right track ● Not yet</p>

Students will also complete a self-reflection following each section of the screener:

<u>This was (circle one):</u>	Easy for me	I need some review	Difficult
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Name:

Date:

Number Sense

Number Identification

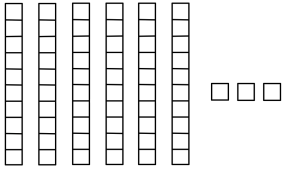
1. Write the number your teacher says.

A. _____ B. _____

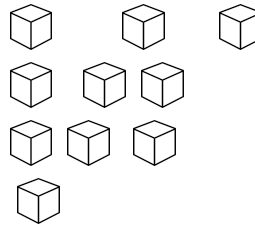
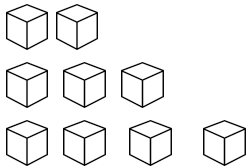
C. _____ D. _____

Place Value

2. How many?



3. Circle the set that has more blocks.



4. Circle the set that has fewer than 4.



5. There are 9 cookies. Share them equally between the plates.



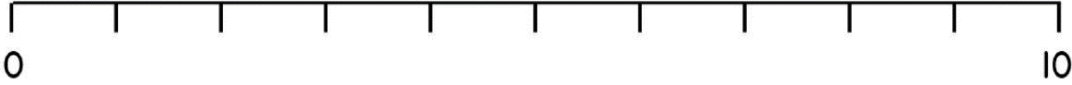
6. Circle the number that has 2 more than 10.

8 10 12 13 14

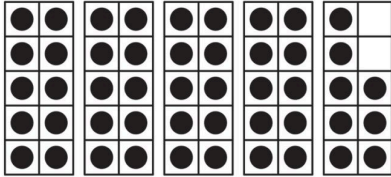
7. Fill in the part-part-whole model.

18	
	7

8. Write the numbers on the number line:



9. What number is shown by the ten frames?



10. How many tens in the number?

75

Ordering

11. Order these numbers from least to greatest. 38; 72; 18; 37; 7

_____ ; _____ ; _____ ; _____ ; _____

This was (circle one): Easy for me I need some review Difficult

Name:

Date:

Algebraic Thinking, Patterning, and Data Analysis

Algebraic Thinking

1. Solve the following question:

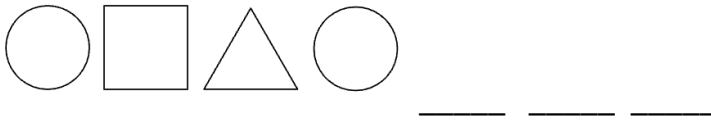
$$6 + \underline{\quad} = 10$$

Patterning

2. Fill in the missing numbers to continue the pattern.

5; 10; 15; _____; _____

3. Continue the pattern.

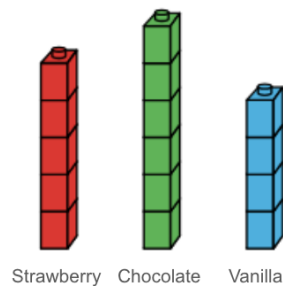


4. Extend the pattern.



Data Analysis

5. How many students like **Chocolate** best?



This was (circle one):

Easy for me

I need some review

Difficult

Name:

Date:

Measurement and Financial Literacy

Measurement

1. Circle the approximate length of this line.



11 m

11 cm

Financial Literacy

2. What is the value of this money?



1 quarter

2 dimes

2 nickels

This was (circle one):

Easy for me

I need some review

Difficult

Name:

Date:

Computational Fluency

Addition

1. Solve the following questions and show how you solved it:

a) $5 + 3$

b) $25 + 6$

c) $14 + 47$

d) $58 + 34$

Subtraction

2. Solve the following questions and show how you solved it:

a) $9 - 6$

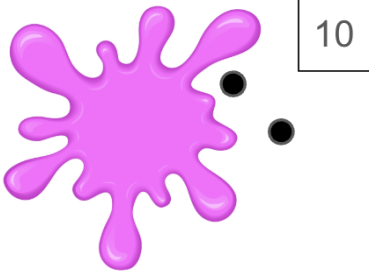
b) $18 - 5$

c) $83 - 17$

d) $91 - 49$

3.

Here is a Splat! problem to solve. If there are 10 dots altogether, how many dots are under the Splat?



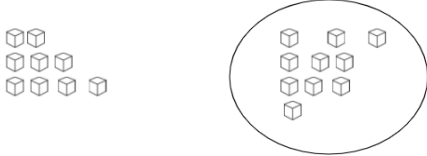


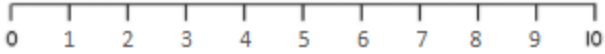
This was (circle one):

Easy for me

I need some review

Difficult

Answer Key

Number Sense	Answers					
Number Identification	1.	a) 28 b) 37 c) 64 d) 95				
Place Value	2.	63				
	3.					
	4.					
	5.					
	6.	8 10 12 13 14				
	7.	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td colspan="2" style="text-align: center;">18</td> </tr> <tr> <td style="text-align: center;">11</td> <td style="text-align: center;">7</td> </tr> </table>	18		11	7
	18					
	11	7				
	8.					
	9.	48				
10.	7 tens					
Ordering	11.	7; 18; 37; 38; 72				
Algebraic Thinking, Patterning, and Data Analysis						
Algebraic Thinking	1.	4				
Patterning	2.	20 ; 25				

	3.	○ □ △ ○ □ △ ○ <u> </u> <u> </u> <u> </u>
	4.	♡ ♡♡ ♡♡♡ ♡♡♡♡
Data Analysis	5.	6
Measurement and Financial Literacy		
Measurement	1.	11cm
Financial Literacy	2.	\$0.55 or 55¢
Addition	1.	a) 8 b) 31 c) 61 d) 92
Subtraction	2.	a) 3 b) 13 c) 66 d) 42
	3	8