

A Story of Units®

Eureka Math™

Grade 1, Module 3

Student File_B

*Contains Sprint and Fluency, Exit Ticket,
and Assessment Materials*

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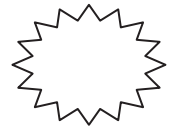
This book may be purchased from the publisher at eureka-math.org

10 9 8 7 6 5 4 3 2 1

Sprint and Fluency Packet

A

Number Correct:



Name _____

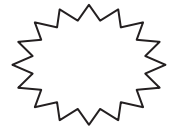
Date _____

*Write the missing number.

1.	$3 - 3 = \square$		16.	$13 - 1 = \square$	
2.	$13 - 3 = \square$		17.	$13 - 2 = \square$	
3.	$3 - 2 = \square$		18.	$14 - 3 = \square$	
4.	$13 - 2 = \square$		19.	$14 - 4 = \square$	
5.	$4 - 2 = \square$		20.	$14 - 10 = \square$	
6.	$14 - 2 = \square$		21.	$17 - 5 = \square$	
7.	$4 - 3 = \square$		22.	$17 - 6 = \square$	
8.	$14 - 3 = \square$		23.	$17 - 10 = \square$	
9.	$14 - 10 = \square$		24.	$8 - \square = 5$	
10.	$7 - 6 = \square$		25.	$18 - \square = 15$	
11.	$17 - 6 = \square$		26.	$18 - \square = 13$	
12.	$17 - 10 = \square$		27.	$19 - \square = 12$	
13.	$6 - 3 = \square$		28.	$\square - 2 = 17$	
14.	$16 - 3 = \square$		29.	$17 - 3 = 16 - \square$	
15.	$16 - 10 = \square$		30.	$19 - 6 = \square - 5$	

B

Number Correct:



Name _____

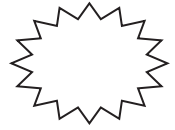
Date _____

*Write the missing number.

1.	$2 - 2 = \square$		16.	$14 - 1 = \square$	
2.	$12 - 2 = \square$		17.	$14 - 2 = \square$	
3.	$2 - 1 = \square$		18.	$15 - 3 = \square$	
4.	$12 - 1 = \square$		19.	$15 - 4 = \square$	
5.	$3 - 3 = \square$		20.	$15 - 10 = \square$	
6.	$13 - 3 = \square$		21.	$18 - 5 = \square$	
7.	$3 - 2 = \square$		22.	$18 - 6 = \square$	
8.	$13 - 2 = \square$		23.	$18 - 10 = \square$	
9.	$13 - 10 = \square$		24.	$7 - \square = 5$	
10.	$6 - 5 = \square$		25.	$17 - \square = 15$	
11.	$16 - 5 = \square$		26.	$17 - \square = 13$	
12.	$16 - 10 = \square$		27.	$19 - \square = 13$	
13.	$4 - 2 = \square$		28.	$\square - 3 = 16$	
14.	$14 - 2 = \square$		29.	$17 - 4 = 16 - \square$	
15.	$14 - 10 = \square$		30.	$19 - 7 = \square - 6$	

A

Number Correct:



Name _____

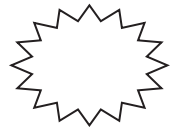
Date _____

*Write the missing number. Pay attention to the + and - signs.

1.	$5 + 2 = \square$		16.	$13 + 6 = \square$	
2.	$15 + 2 = \square$		17.	$3 + 16 = \square$	
3.	$2 + 5 = \square$		18.	$19 - 2 = \square$	
4.	$12 + 5 = \square$		19.	$19 - 7 = \square$	
5.	$7 - 2 = \square$		20.	$4 + 15 = \square$	
6.	$17 - 2 = \square$		21.	$14 + 5 = \square$	
7.	$7 - 5 = \square$		22.	$18 - 6 = \square$	
8.	$17 - 5 = \square$		23.	$18 - 2 = \square$	
9.	$4 + 3 = \square$		24.	$13 + \square = 19$	
10.	$14 + 3 = \square$		25.	$\square - 6 = 13$	
11.	$3 + 4 = \square$		26.	$14 + \square = 19$	
12.	$13 + 4 = \square$		27.	$\square - 4 = 15$	
13.	$7 - 4 = \square$		28.	$\square - 5 = 14$	
14.	$17 - 4 = \square$		29.	$13 + 4 = 19 - \square$	
15.	$17 - 3 = \square$		30.	$18 - 6 = \square + 3$	

B

Number Correct:



Name _____

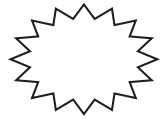
Date _____

*Write the missing number. Pay attention to the + and - signs.

1.	$5 + 1 = \square$		16.	$12 + 7 = \square$	
2.	$15 + 1 = \square$		17.	$2 + 17 = \square$	
3.	$1 + 5 = \square$		18.	$18 - 2 = \square$	
4.	$11 + 5 = \square$		19.	$18 - 6 = \square$	
5.	$6 - 1 = \square$		20.	$3 + 16 = \square$	
6.	$16 - 1 = \square$		21.	$13 + 6 = \square$	
7.	$6 - 5 = \square$		22.	$17 - 4 = \square$	
8.	$16 - 5 = \square$		23.	$17 - 3 = \square$	
9.	$4 + 5 = \square$		24.	$12 + \square = 18$	
10.	$14 + 5 = \square$		25.	$\square - 6 = 12$	
11.	$5 + 4 = \square$		26.	$13 + \square = 19$	
12.	$15 + 4 = \square$		27.	$\square - 3 = 16$	
13.	$9 - 4 = \square$		28.	$\square - 3 = 17$	
14.	$19 - 4 = \square$		29.	$11 + 6 = 19 - \square$	
15.	$19 - 5 = \square$		30.	$19 - 5 = \square + 3$	

A

Number Correct:



Name _____

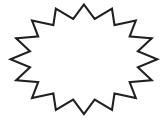
Date _____

*Write the missing number.

1.	$17 - 1 = \square$		16.	$19 - 9 = \square$	
2.	$15 - 1 = \square$		17.	$18 - 9 = \square$	
3.	$19 - 1 = \square$		18.	$11 - 9 = \square$	
4.	$15 - 2 = \square$		19.	$16 - 5 = \square$	
5.	$17 - 2 = \square$		20.	$15 - 5 = \square$	
6.	$18 - 2 = \square$		21.	$14 - 5 = \square$	
7.	$18 - 3 = \square$		22.	$12 - 5 = \square$	
8.	$18 - 5 = \square$		23.	$12 - 6 = \square$	
9.	$17 - 5 = \square$		24.	$14 - \square = 11$	
10.	$19 - 5 = \square$		25.	$14 - \square = 10$	
11.	$17 - 7 = \square$		26.	$14 - \square = 9$	
12.	$18 - 7 = \square$		27.	$15 - \square = 9$	
13.	$19 - 7 = \square$		28.	$\square - 7 = 9$	
14.	$19 - 2 = \square$		29.	$19 - 5 = 16 - \square$	
15.	$19 - 7 = \square$		30.	$15 - 8 = \square - 9$	

B

Number Correct:



Name _____

Date _____

*Write the missing number.

1.	$16 - 1 = \square$		16.	$19 - 9 = \square$	
2.	$14 - 1 = \square$		17.	$18 - 9 = \square$	
3.	$18 - 1 = \square$		18.	$12 - 9 = \square$	
4.	$19 - 2 = \square$		19.	$19 - 8 = \square$	
5.	$17 - 2 = \square$		20.	$18 - 8 = \square$	
6.	$15 - 2 = \square$		21.	$17 - 8 = \square$	
7.	$15 - 3 = \square$		22.	$14 - 5 = \square$	
8.	$17 - 5 = \square$		23.	$13 - 5 = \square$	
9.	$19 - 5 = \square$		24.	$12 - \square = 7$	
10.	$16 - 5 = \square$		25.	$16 - \square = 10$	
11.	$16 - 6 = \square$		26.	$16 - \square = 9$	
12.	$19 - 6 = \square$		27.	$17 - \square = 9$	
13.	$17 - 6 = \square$		28.	$\square - 7 = 9$	
14.	$17 - 1 = \square$		29.	$19 - 4 = 17 - \square$	
15.	$17 - 6 = \square$		30.	$16 - 8 = \square - 9$	

A

Name _____

Number Correct: 

Date _____

*Write the missing number.

1.	$17 + 1 = \square$		16.	$11 + 9 = \square$	
2.	$15 + 1 = \square$		17.	$10 + 9 = \square$	
3.	$18 + 1 = \square$		18.	$9 + 9 = \square$	
4.	$15 + 2 = \square$		19.	$7 + 9 = \square$	
5.	$17 + 2 = \square$		20.	$8 + 8 = \square$	
6.	$18 + 2 = \square$		21.	$7 + 8 = \square$	
7.	$15 + 3 = \square$		22.	$8 + 5 = \square$	
8.	$5 + 13 = \square$		23.	$11 + 8 = \square$	
9.	$15 + 2 = \square$		24.	$12 + \square = 17$	
10.	$5 + 12 = \square$		25.	$14 + \square = 17$	
11.	$12 + 4 = \square$		26.	$8 + \square = 17$	
12.	$13 + 4 = \square$		27.	$\square + 7 = 16$	
13.	$3 + 14 = \square$		28.	$\square + 7 = 15$	
14.	$17 + 2 = \square$		29.	$9 + 5 = 10 + \square$	
15.	$12 + 7 = \square$		30.	$7 + 8 = \square + 9$	

BNumber Correct: 

Name _____

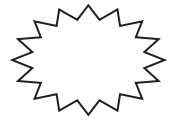
Date _____

*Write the missing number.

1.	$14 + 1 = \square$		16.	$11 + 9 = \square$	
2.	$16 + 1 = \square$		17.	$10 + 9 = \square$	
3.	$17 + 1 = \square$		18.	$8 + 9 = \square$	
4.	$11 + 2 = \square$		19.	$9 + 9 = \square$	
5.	$15 + 2 = \square$		20.	$9 + 8 = \square$	
6.	$17 + 2 = \square$		21.	$8 + 8 = \square$	
7.	$15 + 4 = \square$		22.	$8 + 5 = \square$	
8.	$4 + 15 = \square$		23.	$11 + 7 = \square$	
9.	$15 + 3 = \square$		24.	$12 + \square = 18$	
10.	$5 + 13 = \square$		25.	$14 + \square = 18$	
11.	$13 + 4 = \square$		26.	$8 + \square = 18$	
12.	$14 + 4 = \square$		27.	$\square + 5 = 14$	
13.	$4 + 14 = \square$		28.	$\square + 6 = 15$	
14.	$16 + 3 = \square$		29.	$9 + 6 = 10 + \square$	
15.	$13 + 6 = \square$		30.	$6 + 7 = \square + 9$	

A

Number Correct:



Name _____

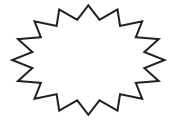
Date _____

*Write the missing number.

1.	$17 + 1 = \square$		16.	$11 + 9 = \square$	
2.	$15 + 1 = \square$		17.	$10 + 9 = \square$	
3.	$18 + 1 = \square$		18.	$9 + 9 = \square$	
4.	$15 + 2 = \square$		19.	$7 + 9 = \square$	
5.	$17 + 2 = \square$		20.	$8 + 8 = \square$	
6.	$18 + 2 = \square$		21.	$7 + 8 = \square$	
7.	$15 + 3 = \square$		22.	$8 + 5 = \square$	
8.	$5 + 13 = \square$		23.	$11 + 8 = \square$	
9.	$15 + 2 = \square$		24.	$12 + \square = 17$	
10.	$5 + 12 = \square$		25.	$14 + \square = 17$	
11.	$12 + 4 = \square$		26.	$8 + \square = 17$	
12.	$13 + 4 = \square$		27.	$\square + 7 = 16$	
13.	$3 + 14 = \square$		28.	$\square + 7 = 15$	
14.	$17 + 2 = \square$		29.	$9 + 5 = 10 + \square$	
15.	$12 + 7 = \square$		30.	$7 + 8 = \square + 9$	

B

Number Correct:



Name _____

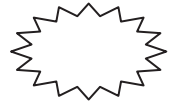
Date _____

*Write the missing number.

1.	$14 + 1 = \square$		16.	$11 + 9 = \square$	
2.	$16 + 1 = \square$		17.	$10 + 9 = \square$	
3.	$17 + 1 = \square$		18.	$8 + 9 = \square$	
4.	$11 + 2 = \square$		19.	$9 + 9 = \square$	
5.	$15 + 2 = \square$		20.	$9 + 8 = \square$	
6.	$17 + 2 = \square$		21.	$8 + 8 = \square$	
7.	$15 + 4 = \square$		22.	$8 + 5 = \square$	
8.	$4 + 15 = \square$		23.	$11 + 7 = \square$	
9.	$15 + 3 = \square$		24.	$12 + \square = 18$	
10.	$5 + 13 = \square$		25.	$14 + \square = 18$	
11.	$13 + 4 = \square$		26.	$8 + \square = 18$	
12.	$14 + 4 = \square$		27.	$\square + 5 = 14$	
13.	$4 + 14 = \square$		28.	$\square + 6 = 15$	
14.	$16 + 3 = \square$		29.	$9 + 6 = 10 + \square$	
15.	$13 + 6 = \square$		30.	$6 + 7 = \square + 9$	

A

Number Correct:



Name _____

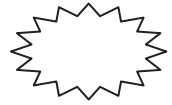
Date _____

*Write the missing number.

1.	$17 - 1 = \square$		16.	$19 - 9 = \square$	
2.	$15 - 1 = \square$		17.	$18 - 9 = \square$	
3.	$19 - 1 = \square$		18.	$11 - 9 = \square$	
4.	$15 - 2 = \square$		19.	$16 - 5 = \square$	
5.	$17 - 2 = \square$		20.	$15 - 5 = \square$	
6.	$18 - 2 = \square$		21.	$14 - 5 = \square$	
7.	$18 - 3 = \square$		22.	$12 - 5 = \square$	
8.	$18 - 5 = \square$		23.	$12 - 6 = \square$	
9.	$17 - 5 = \square$		24.	$14 - \square = 11$	
10.	$19 - 5 = \square$		25.	$14 - \square = 10$	
11.	$17 - 7 = \square$		26.	$14 - \square = 9$	
12..	$18 - 7 = \square$		27.	$15 - \square = 9$	
13.	$19 - 7 = \square$		28.	$\square - 7 = 9$	
14	$19 - 2 = \square$		29.	$19 - 5 = 16 - \square$	
15.	$19 - 7 = \square$		30.	$15 - 8 = \square - 9$	

B

Number Correct:



Name _____

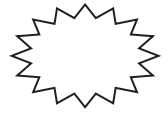
Date _____

*Write the missing number.

1.	$16 - 1 = \square$		16.	$19 - 9 = \square$	
2.	$14 - 1 = \square$		17.	$18 - 9 = \square$	
3.	$18 - 1 = \square$		18.	$12 - 9 = \square$	
4.	$19 - 2 = \square$		19.	$19 - 8 = \square$	
5.	$17 - 2 = \square$		20.	$18 - 8 = \square$	
6.	$15 - 2 = \square$		21.	$17 - 8 = \square$	
7.	$15 - 3 = \square$		22.	$14 - 5 = \square$	
8.	$17 - 5 = \square$		23.	$13 - 5 = \square$	
9.	$19 - 5 = \square$		24.	$12 - \square = 7$	
10.	$16 - 5 = \square$		25.	$16 - \square = 10$	
11.	$16 - 6 = \square$		26.	$16 - \square = 9$	
12.	$19 - 6 = \square$		27.	$17 - \square = 9$	
13.	$17 - 6 = \square$		28.	$\square - 7 = 9$	
14.	$17 - 1 = \square$		29.	$19 - 4 = 17 - \square$	
15.	$17 - 6 = \square$		30.	$16 - 8 = \square - 9$	

A

Number Correct:



Name _____

Date _____

*Write the missing number.

1.	$9 + 1 + 3 = \square$		16.	$6 + 3 + 8 = \square$	
2.	$9 + 2 + 1 = \square$		17.	$5 + 9 + 4 = \square$	
3.	$5 + 5 + 3 = \square$		18.	$3 + 12 + 4 =$	
4.	$5 + 2 + 5 = \square$		19.	$3 + 11 + 5 = \square$	
5.	$4 + 5 + 5 = \square$		20.	$5 + 6 + 7 = \square$	
6.	$8 + 2 + 4 = \square$		21.	$2 + 6 + 3 = \square$	
7.	$8 + 3 + 2 = \square$		22.	$3 + 2 + 13 =$	
8.	$12 + 2 + 2 =$		23.	$3 + 13 + 3 =$	
9.	$3 + 3 + 12 =$		24.	$9 + 1 + \square = 14$	
10.	$4 + 4 + 5 = \square$		25.	$8 + 4 + \square =$	
11.	$2 + 15 + 2 =$		26.	$\square + 8 + 6 =$	
12.	$7 + 3 + 3 = \square$		27.	$2 + \square + 7 =$	
13.	$1 + 17 + 1 = \square$		28.	$2 + 2 + \square =$	
14.	$14 + 2 + 2 =$		29.	$19 = 6 + \square +$	
15.	$4 + 12 + 4 =$		30.	$18 = 7 + \square +$	

BNumber Correct: 

Name _____

Date _____

*Write the missing number.

1.	$9 + 1 + 2 = \square$		16.	$6 + 3 + 9 = \square$	
2.	$9 + 4 + 1 = \square$		17.	$4 + 9 + 2 = \square$	
3.	$5 + 5 + 1 = \square$		18.	$2 + 12 + 4 = \square$	
4.	$5 + 3 + 5 = \square$		19.	$2 + 11 + 5 = \square$	
5.	$4 + 5 + 5 = \square$		20.	$6 + 6 + 7 = \square$	
6.	$8 + 2 + 2 = \square$		21.	$2 + 6 + 5 = \square$	
7.	$8 + 3 + 2 = \square$		22.	$3 + 3 + 13 = \square$	
8.	$11 + 1 + 1 = \square$		23.	$3 + 14 + 3 = \square$	
9.	$2 + 2 + 14 = \square$		24.	$9 + 1 + \square = 13$	
10.	$4 + 4 + 4 = \square$		25.	$8 + 4 + \square = 15$	
11.	$2 + 13 + 2 = \square$		26.	$\square + 8 + 6 = 18$	
12.	$6 + 3 + 3 = \square$		27.	$2 + \square + 6 = 18$	
13.	$1 + 15 + 1 = \square$		28.	$2 + 5 + \square = 18$	
14.	$15 + 2 + 2 = \square$		29.	$19 = 5 + \square + 9$	
15.	$3 + 14 + 3 = \square$		30.	$19 = 7 + \square + 6$	

Exit Ticket Packet

Name _____ Date _____

Write the words **longer than** or **shorter than** to make the sentence true.

A



B



Shoe A is _____ Shoe B.

Name _____

Date _____

Draw a picture to help you complete the measurement statements. Circle the words that make each statement true.

Tanya's doll is shorter than Aline's doll.

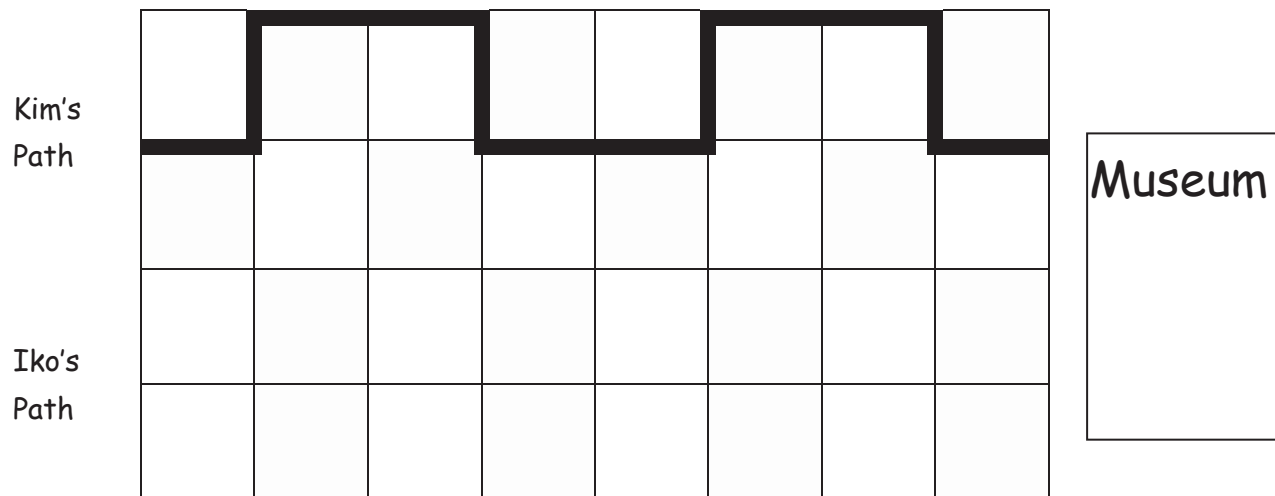
Mira's doll is taller than Aline's doll.

Tanya's doll is (**taller than/shorter than**) Mira's doll.

Name _____

Date _____

Use the picture to answer the questions about the students' paths to the museum.



1. How long is Kim's path to the museum? _____ blocks

2. Iko's path is shorter than Kim's path. Draw Iko's path.

Circle the correct word to make the statement true.

3. Kim's path is **longer/shorter** than Iko's path.

4. How long is Iko's path to the museum? _____ blocks

Name _____

Date _____

1.



The picture frame is about _____ centimeter cubes long.



2.

The boy's *crutch* is about _____ centimeter cubes long.

Name _____

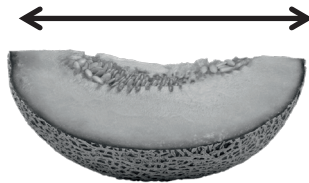
Date _____

Use the centimeter cubes to measure the items. Complete the sentences.

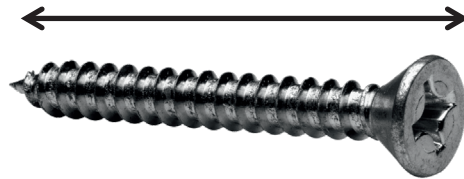
1. The water bottle is about _____ centimeters tall.



2. The melon is about _____ centimeters long.



3. The screw is about _____ centimeters long.



4. The umbrella is about _____ centimeters tall.



Name _____

Date _____

Read the measurements of the tool pictures.

The wrench is 8 centimeters long.



The screwdriver is 12 centimeters long.



The hammer is 9 centimeters long.



1. Order the pictures of the tools from shortest to longest.

2. How much longer is the screwdriver than the wrench?

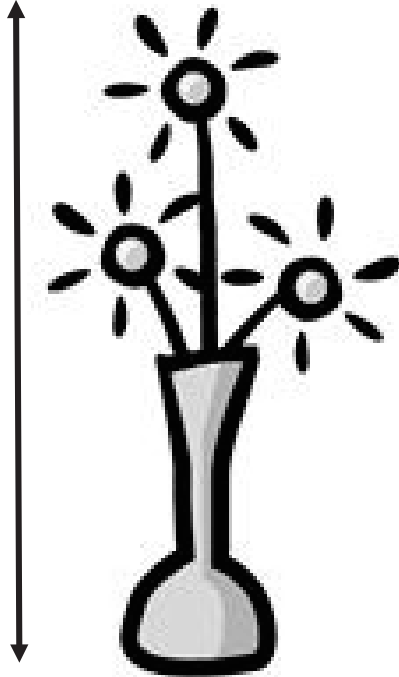
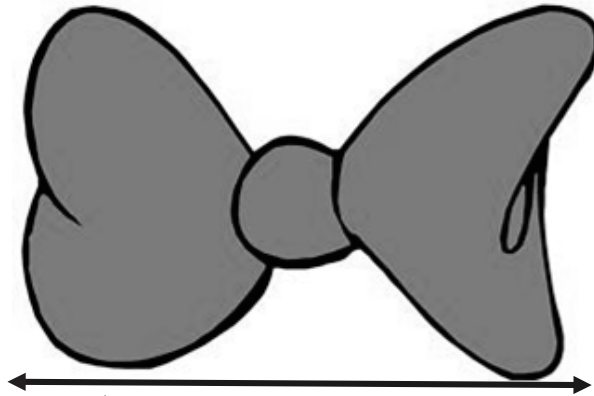
The screwdriver is _____ centimeters longer than the wrench.

Name _____

Date _____

Measure the length of each object with **large** paper clips. Then, measure the length of each object with **small** paper clips. Fill in the chart with your measurements.

Name of Object	Number of Large Paper Clips	Number of Small Paper Clips
a. bow		
b. candle		
c. vase and flowers		



Name _____

Date _____

Circle the length unit you will use to measure. Use the same length unit for all objects.

Small Paper Clips



Large Paper Clips



Toothpicks



Centimeter Cubes



Choose two objects in your desk that you would like to measure. Measure each object, and record the measurement.

Classroom Object	Measurement
a.	
b.	

Name _____

Date _____

Use your centimeter cubes to model the problem. Then, draw a picture of your model.

Mona's hair grew 7 centimeters. Claire's hair grew 15 centimeters. How much **less** did Mona's hair grow than Claire's hair?

Name _____

Date _____

A group of students were asked what they ate for lunch. Use the data below to answer the following questions.

Student Lunches

Lunch	Number of Students
sandwich	3
salad	5
pizza	4

1. What is the **total** number of students who ate pizza? _____ student(s)
2. Which lunch was eaten by the **greatest** number of students? _____
3. What is the total number of students who ate pizza or a sandwich?
_____ student(s)
4. Write an addition sentence for the **total** number of students who were asked what they ate for lunch.

Name _____ Date _____

A class collected the information in the chart below. Students asked each other: Among stuffed animals, toy cars, and blocks, which is your favorite toy?

Then, they organized the information in this chart.

Toy	Number of Students
Stuffed Animals	11
Toy Cars	5
Blocks	13

1. How many students chose toy cars? _____
2. How many more students chose blocks than stuffed animals? _____
3. How many students would need to choose toy cars to equal the number of students who chose blocks? _____

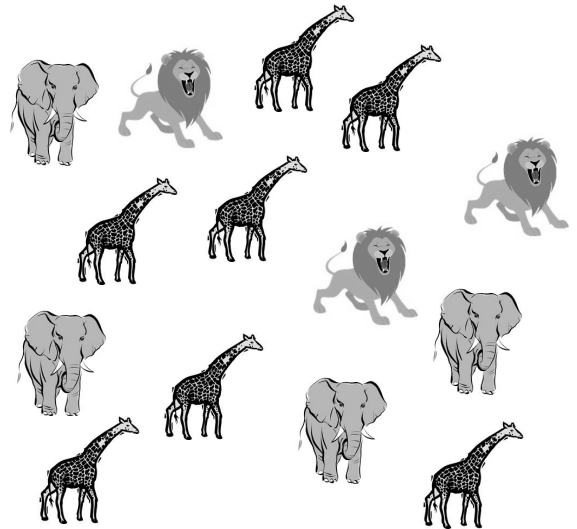
Name _____

Date _____

Use squares with no gaps or overlaps to organize the data from the pictures.
Line up your **squares** carefully.

Favorite Animals at the Zoo

		Number of Students
Zoo Animals	giraffe	
	elephant	
	lion	



Each picture represents 1 student's vote.

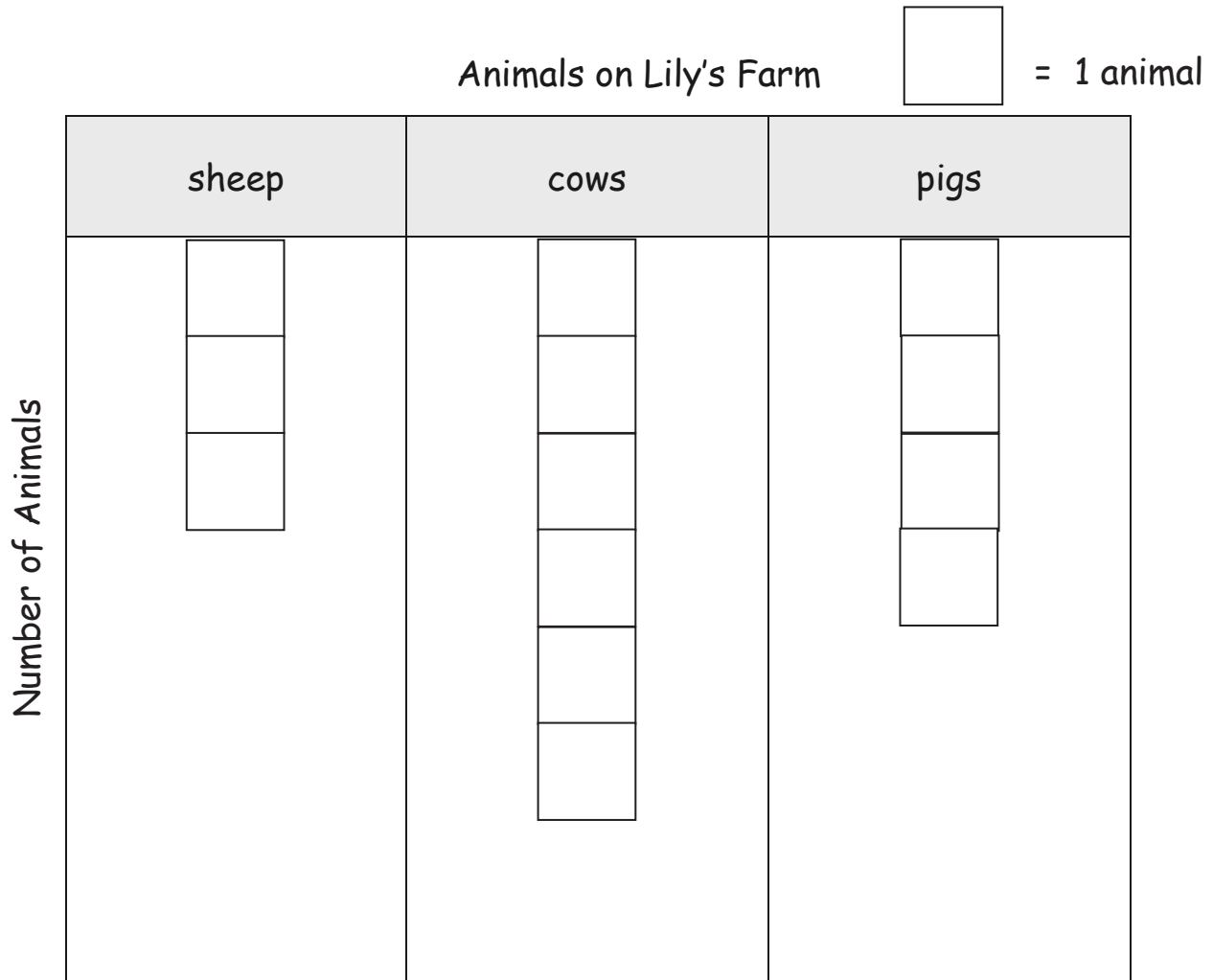
- Write a number sentence to show how many **total** students were asked about their favorite animal at the zoo.

- Write a number sentence to show how many **fewer** students like elephants than like giraffes.

Name _____

Date _____

Use the graph to answer the questions.



1. How many animals are on Lily's farm in all? _____ animals
2. How many fewer sheep than pigs are on Lily's farm? _____ fewer sheep
3. How many more cows are on Lily's farm than sheep? _____ more cows

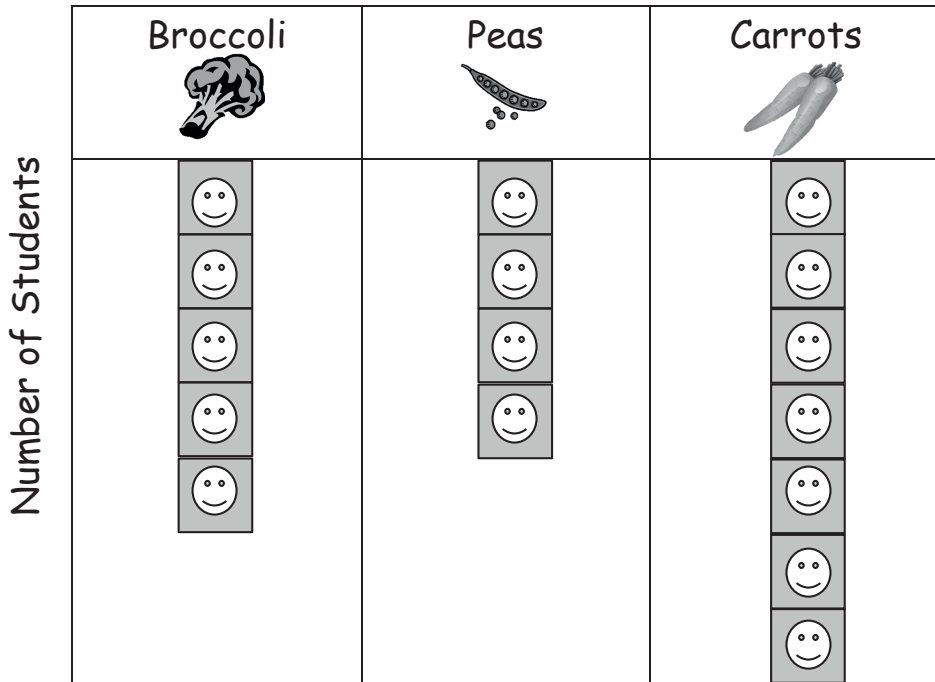
Assessment Packet

Name _____

Date _____

1. Each student in the class put a sticky note on the graph to show the vegetable he likes best. Use the graph below to answer the questions. Remember to label your answers.

Vegetables That Students Like Best  = 1 student



- a. How many students like carrots the best? _____
- b. How many students like carrots and peas the best? _____
- c. How many total students answered the survey? _____
- d. How many more students like broccoli than like peas the best? _____
- e. How many fewer students like broccoli than like carrots the best? _____



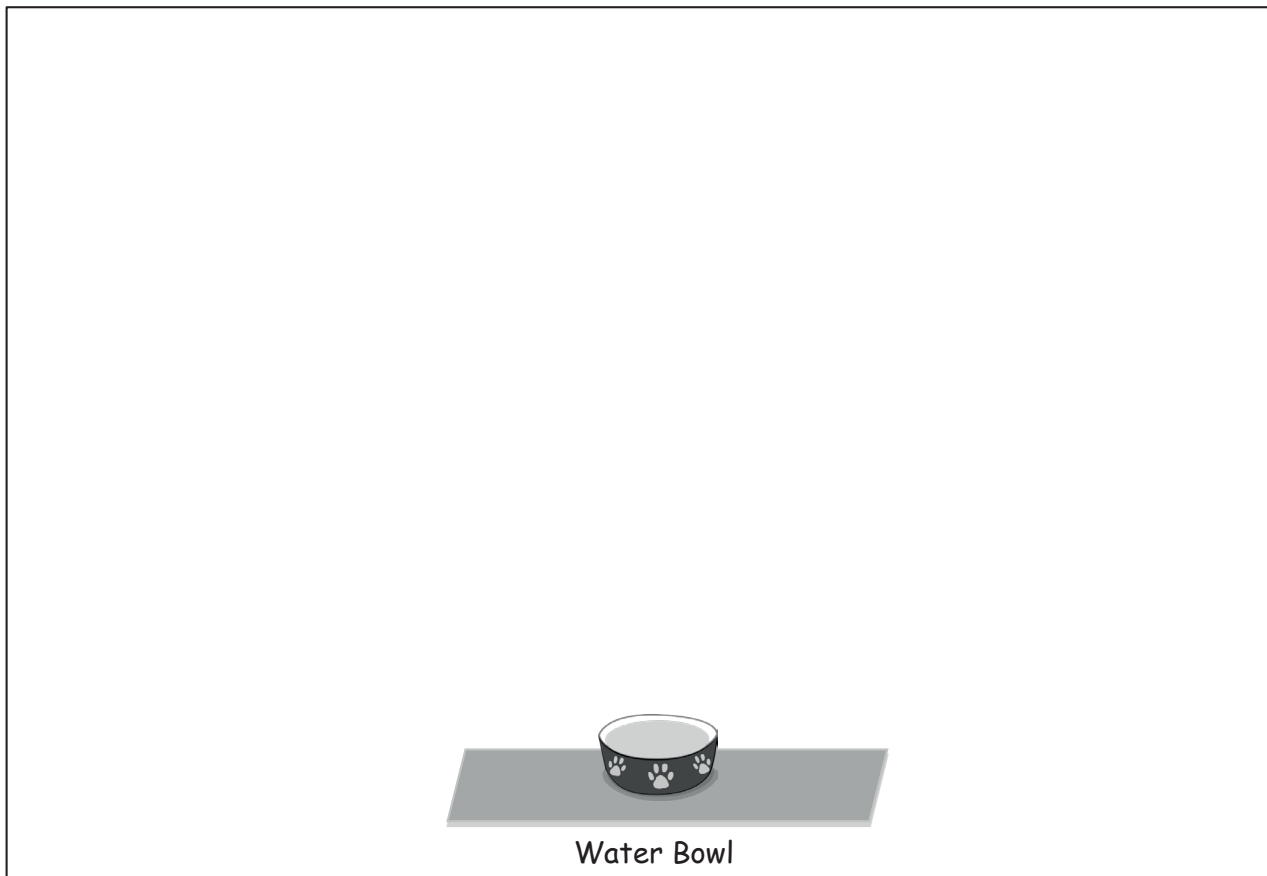
2. Cesar has a piece of string that he wants to use to compare how far his cat's bed



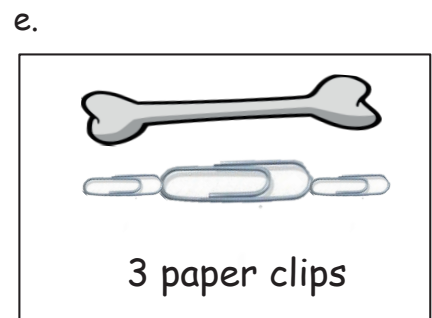
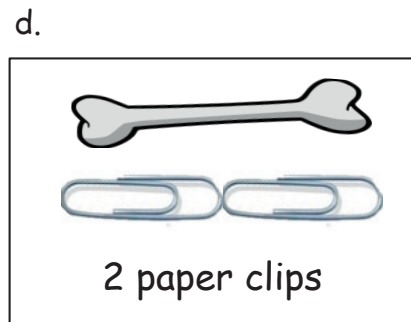
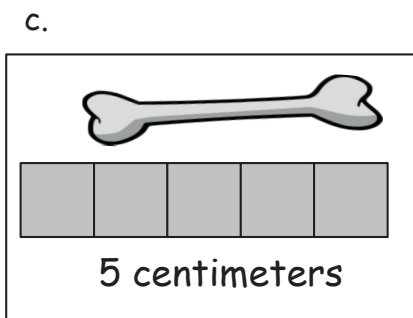
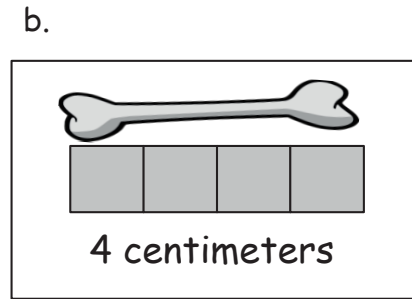
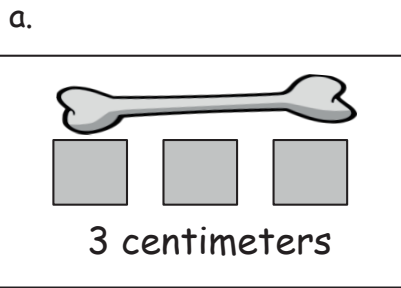
and his dog's bed are from their shared water bowl.

- The string is a lot **longer** than the dog's path to the bowl.
- The string is a lot **shorter** than the cat's path to the bowl.

Whose path is shorter to the water bowl, the dog's or the cat's? Draw a picture to show how you know.



3. Circle the pictures that show a correct measurement.  is a centimeter cube.



a. Why did you pick these pictures? Explain your thinking with two reasons.

b. What was the length measurement of the **bone** for each correct picture?

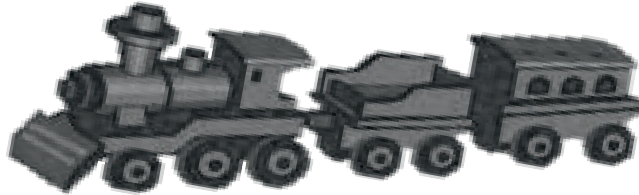
c. Why are the measurements for (d) and (e) different?

4. Measure the length of the picture of each item with centimeter cubes.

a.



_____ centimeters



_____ centimeters



_____ centimeters

b. Order the train, pencil, and lollipop from shortest to longest.

c. Which item, or items, is longer than the lollipop?

d. How much longer is the pencil than the train?
