

3.MD.A.2

MEASURE AND ESTIMATE LIQUID VOLUMES AND MASSES OF OBJECTS TASK CARDS

ANSWER SHEET

Name: _____ Date: _____

Card #	Answer
1.	
2.	
3.	
4.	
5.	
6.	
7.	

5 MEASURE AND ESTIMATE VOLUMES AND MASSES

What would be the best unit to measure the liquid in a spoon?



grams kilograms
liters milliliters

6 MEASURE AND ESTIMATE VOLUMES AND MASSES

What would be the best unit to measure the milk in a jug?



grams liters
kilograms milliliters

MEASURE AND ESTIMATE VOLUMES AND MASSES

Estimate the



VOLUMES AND MASSES
CHALLENGE

Baby Daniel weighed 3 kilograms when he was born. He gained 4 kilograms on his first birthday! How much does Daniel weigh now?
_____ kg



MEASURE AND ESTIMATE VOLUMES AND MASSES

8 MEASURE AND ESTIMATE VOLUMES AND MASSES

What would be the best unit to measure the

30

MEASURE AND ESTIMATE MASSES

Estimate the



- 4 kilograms
- 4 grams
- 4 liters
- 4 milliliters

What is the total mass of all 3 students?



35 kg 29 kg 31 kg

kg

PRINTABLE AND DIGITAL



- 30 PRINT-AND-GO TASK CARDS
- READY TO USE FOR CENTERS

ANSWER SHEET

Name: _____ Date: _____

Card#	Answer	Card#	Answer
1.		16.	
2.		17.	
3.		18.	
		19.	
		20.	
		21.	
		22.	
		23.	
		24.	

13

MEASURE AND ESTIMATE VOLUMES AND MASSES

One pencil weighs 8 grams.
What is the mass of 7 pencils?

_____ grams

15

MEASURE AND ESTIMATE VOLUMES AND MASSES

Janelle's water bottle holds 500 milliliters. She drank half of it. How much water is in Janelle's water bottle?

_____ mL

14

MEASURE AND ESTIMATE VOLUMES AND MASSES

Mr. Pearson weighs 85 kilograms. Mrs. Pearson weighs 70 kilograms. How much do Mr. and Mrs. Pearson weigh together?

_____ kilograms

16

MEASURE AND ESTIMATE VOLUMES AND MASSES

David needs 300mL of liquid for an experiment. How much more liquid does he need?

_____ mL

1

MEASURE AND ESTIMATE VOLUMES AND MASSES

What would be the best unit to measure a crayon?

grams

liters

kilograms

milliliters

2

MEASURE AND ESTIMATE VOLUMES AND MASSES

What would be the best unit to measure a teacher?

grams

liters

kilograms

milliliters

3

MEASURE AND ESTIMATE VOLUMES AND MASSES

What would be the best unit to measure a carrot?

grams

liters

kilograms

milliliters

4

MEASURE AND ESTIMATE VOLUMES AND MASSES

What would be the best unit to measure a...

grams

liters

kilograms

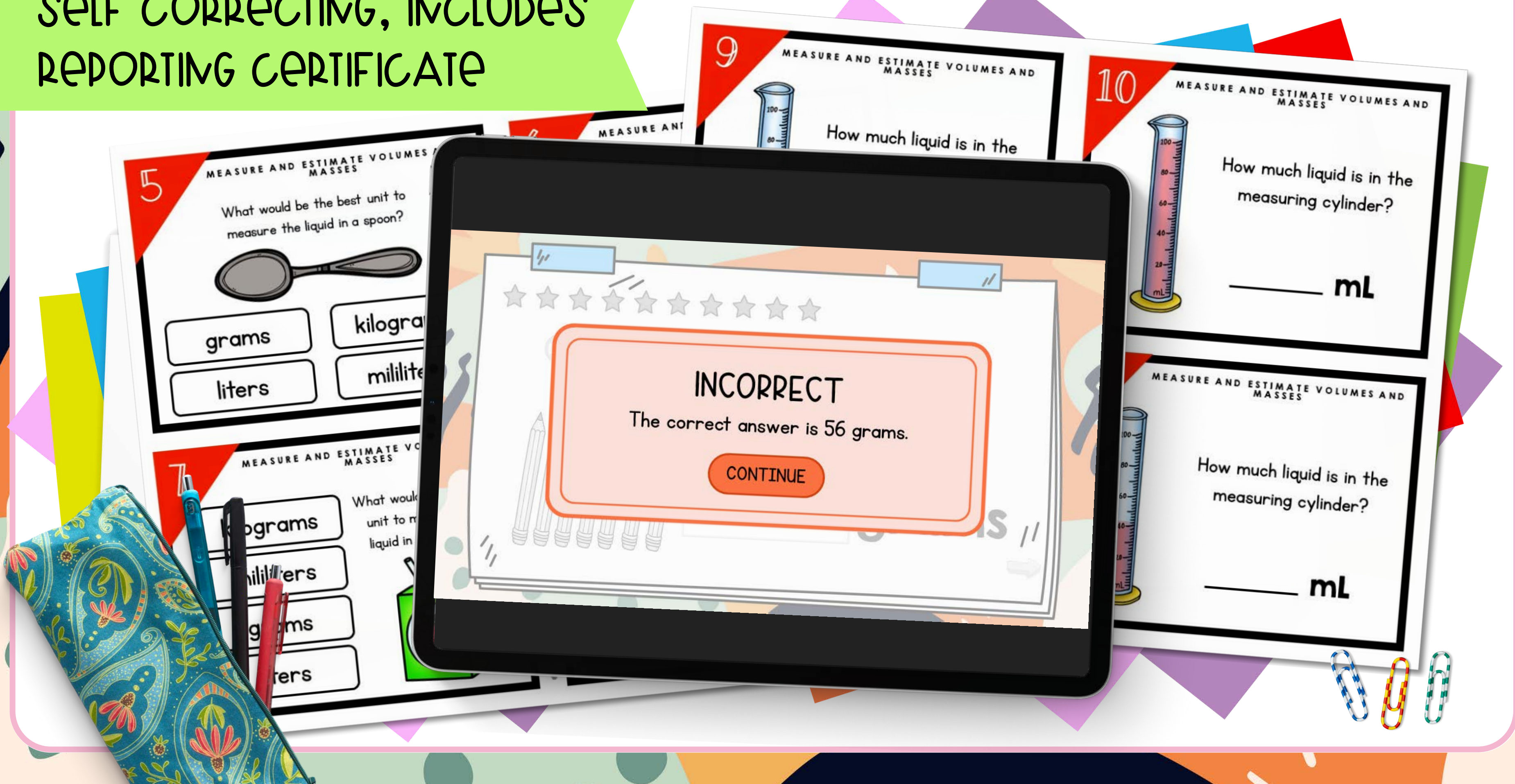
milliliters

MEASURE AND ESTIMATE VOLUMES AND MASSES

Ways to Use Task Cards

- Centers
- Scoot: Pass out one card for each student. Set a timer and say, "scoot!" when the timer goes off. Students move seats to the next card. They continue to rotate until they are back at their original seat.
- Scavenger Hunt: Hide cards around the room. Students search for cards and answer them.
- Jenga: Number Jenga blocks. Students stack the blocks, then take turns pulling blocks. Students answer the corresponding number card.
- Whole class practice: Teacher displays card on the projector. Students answer on mini white boards.
- Exit Tickets: Give each student a task card at the end of the lesson. Have them answer on a sticky note.

SELF CORRECTING, INCLUDES REPORTING CERTIFICATE



SHUFFLES CARDS, SO STUDENTS
CAN PRACTICE MORE THAN ONCE

17 MEASURE AND ESTIMATE VOLUMES AND MASSES

There are three glasses of water on the table. One glass has 57 mL of water, the second one has 38 mL, and the third one has 15 mL. Estimate the volume.

18 MEASURE AND ESTIMATE VOLUMES AND MASSES

There are 7 cupcakes on the kitchen counter. Each cupcake weighs 100 grams. What is the total mass of the cupcakes on the kitchen counter?

MEASURE AND ESTIMATE VOLUMES AND MASSES

Estimate the volume.

200 kilograms
200 grams
200 liters
200 milliliters

4 kilograms
4 grams

MEASURE AND ESTIMATE VOLUMES AND MASSES

Estimate the volume.

145 milliliters

ANSWER SHEET

Name: _____

Card #	Answer
1.	
2.	
3.	
4.	

VOLUMES AND MASSES CHALLENGE

Baby Daniel weighed 3 kilograms when he was born. He gained 4 kilograms on his first birthday! How much does Daniel weigh now?

_____ kg

15.

145 milliliters

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STANDARDS ALIGNED

20 MEASURE AND ESTIMATE VOLUMES AND MASSES

What is the total mass of all 3 students?



35 kg 29 kg 31 kg

_____ kg

1 MEASURE AND ESTIMATE VOLUMES AND MASSES

What would be the best unit to measure a crayon?



grams kilograms
liters milliliters

27 MEASURE AND ESTIMATE VOLUMES AND MASSES

Estimate the volume.



145 kilograms
145 grams
145 liters
145 milliliters

17 MEASURE AND ESTIMATE VOLUMES AND MASSES

There are three glasses of water on the table. One glass has 57 mL of water, the second one has 38 mL, and the third one has only 16 mL. What is the total volume of the water on the table?



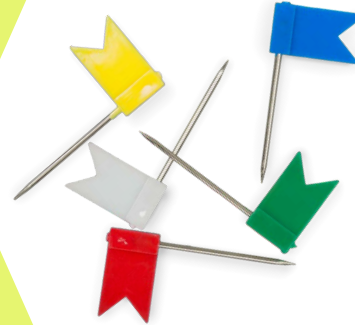
_____ mL

23 MEASURE AND ESTIMATE VOLUMES AND MASSES

Estimate the mass.



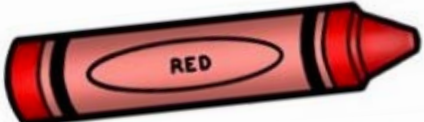
USE OVER AND OVER FOR CENTERS, GAMES, AND REVIEW



1

MEASURE AND ESTIMATE VOLUMES AND MASSES

What would be the best unit to measure a crayon?



VOLUMES AND MASSES CHALLENGE



ANSWER SHEET

Name: _____ Date: _____

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1		16
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3		18
4		19
5		20
6		21
7		22
8		23

9

MEASURE AND ESTIMATE VOLUMES AND MASSES



How much liquid is in the measuring cylinder?

_____ mL

10

MEASURE AND ESTIMATE VOLUMES AND MASSES



How much liquid is in the measuring cylinder?

_____ mL

11

MEASURE AND ESTIMATE VOLUMES AND MASSES



How much liquid is in the measuring cylinder?

_____ mL

12

MEASURE AND ESTIMATE VOLUMES AND MASSES



How much liquid is in the measuring cylinder?

_____ mL

25

MEASURE AND ESTIMATE VOLUMES AND MASSES

Estimate the mass.

1 kilogram

26

MEASURE AND ESTIMATE VOLUMES AND MASSES

Estimate the volume.



200 kilograms
200 grams
200 liters
200 milliliters

28

MEASURE AND ESTIMATE VOLUMES AND MASSES

Estimate the volume.



125 kilograms
125 grams
125 liters
125 milliliters

20

MEASURE AND ESTIMATE VOLUMES AND MASSES

What is the total mass of the students?



35 kg 29 kg 31 kg

27

MEASURE AND ESTIMATE VOLUMES AND MASSES

Estimate the mass.

1 kilogram

29

MEASURE AND ESTIMATE VOLUMES AND MASSES

Estimate the volume.



Three glasses of water. One glass has 57 mL. The second one has 38 mL. The third one has only 16 mL. What is the total volume of the water on the table?

_____ mL

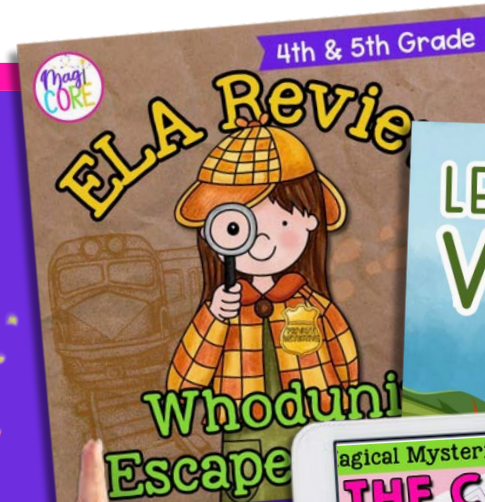




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