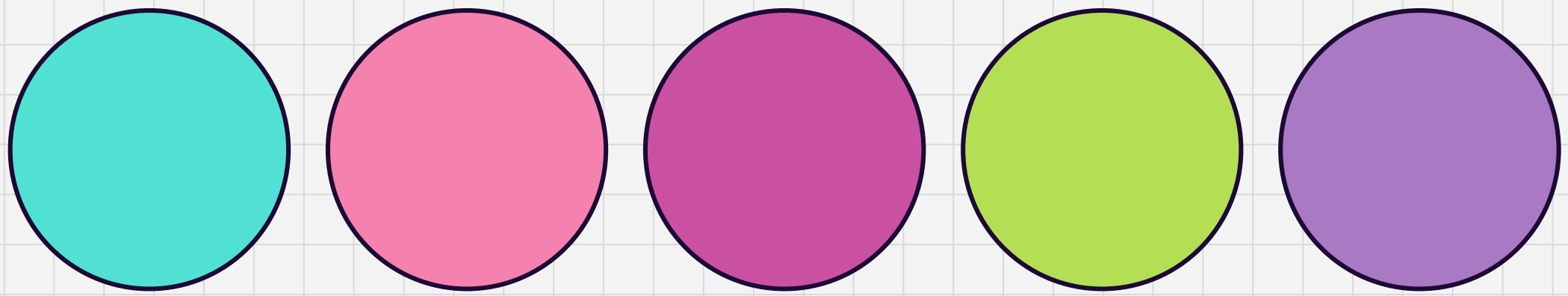# Unit 4, Module 2, Session 3

Measurement Story Problems

Learning Goal:

I can review 3-digit addition.

I can solve addition and subtraction story problems related to measurement.
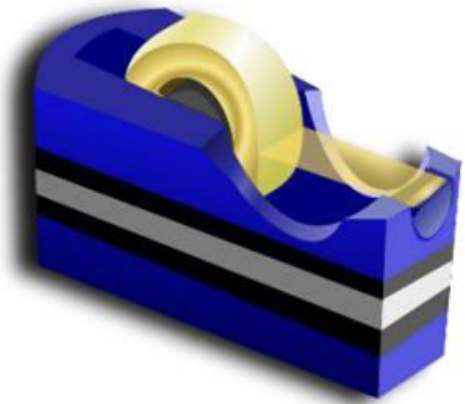
Spiral Review

6:17
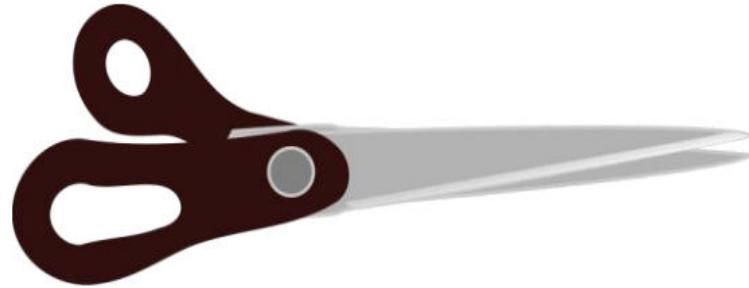
11:30

11:11

What time is it?

Spiral Review

A tape dispenser: 780 _____

A pair of scissors: 180 _____

A baby girl: 6 _____

grams (g)

grams (g)

Kilograms (kg)

Would you measure the mass of this object using grams (g) or kilograms (kg)?

Spiral Review

liters (L)

milliliters (mL)
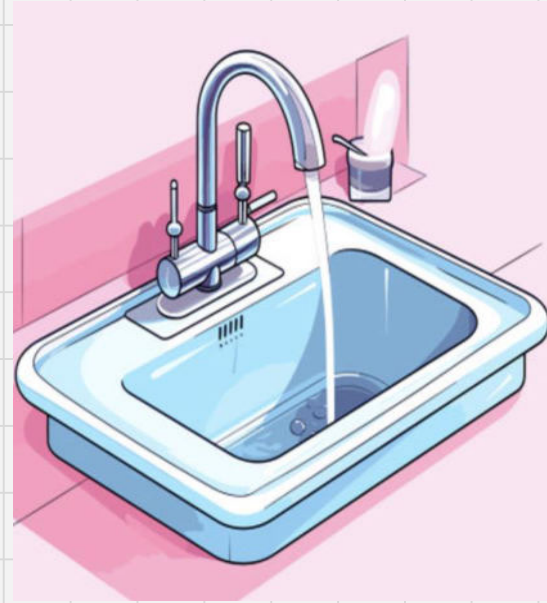
liters (L)

milliliters (mL)

Would you measure volume of liquid in this object using milliliters (mL) or liters (L)?

Spiral Review

Length of a dolphin

cm / m / km

Length of a baby's feet

cm / m / km

Distance of a marathon race

cm / m / km

meters (m)

centimeters (cm)

kilometers (km)

Would you measure the length of this object using centimeters (cm), meters (m), or kilometers (km)?

Target 1,000

4C

Materials:
Number Cards   1 recording sheet

Directions:

1. Players take turns drawing 8 number cards

2. Each players chooses 6 cards to make two 3-digit numbers that together have a sum as close to 1,000 as possible.

3. Players write an addition equation with their numbers and their sum on the record sheet.

4. Each player finds their score for the round by finding the difference between their sum and 1,000.

5. Each player puts the 6 cards they used in the discard pile, and then takes turns getting 6 new cards.

6. The game continues for 2 more rounds. Then each player adds their scores together for their final score. The player with the lower score wins.

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NAME _____ | DATE _____

4C Target One Thousand Record Sheet

For each round of the game, players write an addition equation, their score, and their partner's score.

First Game	Sum	Score	Partner's Score
1 _____ + _____ =			
2 _____ + _____ =			
3 _____ + _____ =			
My Final Score _____		My Partner's Final Score _____	

Second Game	Sum	Score	Partner's Score
1 _____ + _____ =			
2 _____ + _____ =			
3 _____ + _____ =			
My Final Score _____		My Partner's Final Score _____	

Third Game	Sum	Score	Partner's Score
1 _____ + _____ =			
2 _____ + _____ =			
3 _____ + _____ =			
My Final Score _____		My Partner's Final Score _____	

Problems & Investigations

Bird Measurement Problems

Complete pages 121-122 with a partner.

🔍 Bird Measurement Problems page 1 of 2

Solve the problems on this sheet and the next. Show your thinking using words, numbers, or sketches.

1 A bird named Sal has a mass of 149 grams. Sal landed on a leaf next to a bird named Ted with a mass of 398 grams. How much mass do they have together? Be sure to label your answer with the correct units.

Together, Sal and Ted have a mass of _____ _____
                                                         Units

2 How much more mass does Ted have than Sal? Be sure to label your answer with the correct units.

Ted has _____ _____ more mass than Sal.
                           Units

3 If Sal leaves his nest at 1:30 and flies for 2 hours and 10 minutes, what time does he come back?

Sal comes back at _____.

4 If Ted leaves his nest at 8:50 and flies for 30 minutes, what time does he come back?

Ted comes back at _____.

(continued on next page)

Bird Measurement Problems page 2 of 2

5 Ted jumped into a beaker of water that held 313 ml of water. When he flew back out, there was only 189 ml of water left. How much water had splashed out of the beaker?

_____ _____ had splashed out of the beaker.
                Units

6 Ted's nest has three times as much mass as Ted. How much mass does Ted's nest have?

Ted's nest has a mass of _____ _____
                                             Units

7 Sal's nest has three times as much mass as Sal. How much mass does Sal's nest have?

Sal's nest has a mass of _____ _____
                                             Units

8 **CHALLENGE** Sal's mother has a mass of 450 grams, which is 6 times the mass of his baby brother, Sammy. How much mass does Sammy have?

Sammy has a mass of _____ _____
                                        Units

Daily Practice

Must Do

- Student Book Page 123
- XtraMath

May Do

- 3B Add & Round Tens
- 3C Round Ball Hundreds
- 3D Round & Add Hundreds
- 4A Tic-Tac-Tock
- 4B Measurement Scavenger Hunt
- 4C Target One Thousand