

Lesson
12.1**Reteach**

What time does the clock show? What are some other ways to say the time?

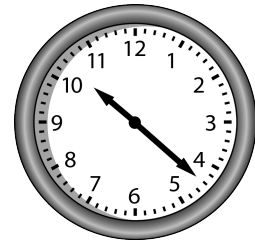
Step 1: Look at the hour hand.

- The hour hand is between the 10 and the 11.
- So, it is after 10:00 and before 11:00.

Step 2: Look at the minute hand.

- Count by 5s from the 12 to the 4.
- Count on by 1s from the 4 to the mark where the minute hand is pointing.

So, the time is 10:22.



One way to say the time:

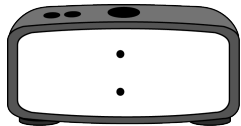
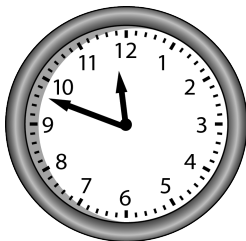
Count the minutes *after* the hour.
Say, “22 minutes after 10.”

Another way to say the time:

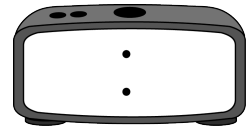
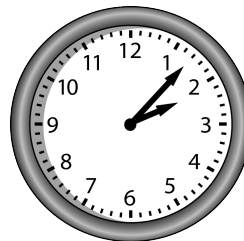
Count the minutes *before* the next hour.
Say, “38 minutes before 11.”

Write the time. Write another way to say the time.

1.



2.



Lesson
12.2
Reteach

Elapsed time is the amount of time that passes from a starting time to an ending time.

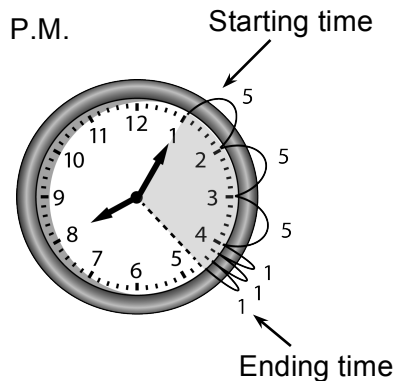
Find the elapsed time between 8:05 P.M. and 8:23 P.M.

One Way: Use an analog clock.

Step 1: Draw the starting time.

Step 2: Mark the ending time.

Step 3: Count the minutes by 5s and 1s until you reach the ending time.



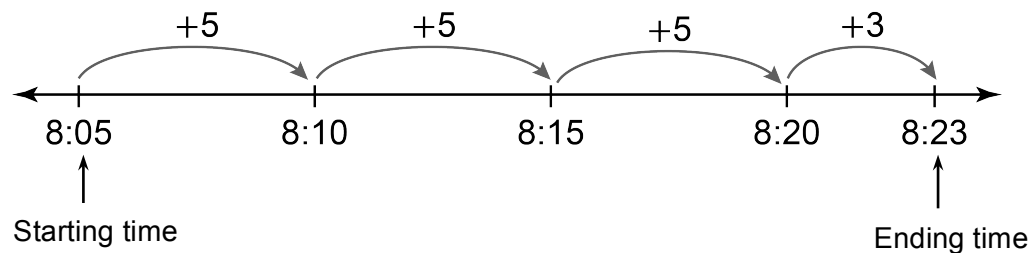
So, the elapsed time is 18 minutes.

Another Way: Use a number line.

Step 1: Plot the starting time on a number line.

Step 2: Count on until you reach the ending time.

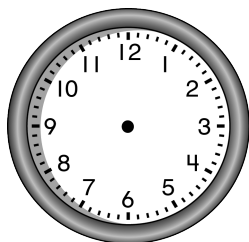
Step 3: Add the jumps to find the elapsed time.



So, the elapsed time is 18 minutes.

Find the elapsed time.

1. Start: 5:05 P.M. End: 5:27 P.M.



_____ minutes

2. Start: 9:20 A.M. End: 9:56 A.M.



_____ minutes

Name _____

Lesson
12.3

Reteach

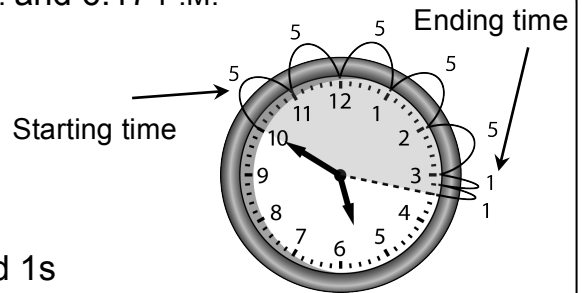
Find the elapsed time between 5:50 P.M. and 6:17 P.M.

One Way: Use an analog clock.

Step 1: Draw the starting time.

Step 2: Mark the ending time.

Step 3: Count the minutes by 5s and 1s until you reach the ending time.



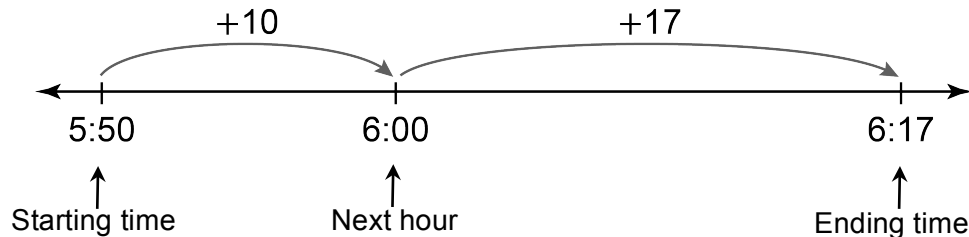
So, the elapsed time is 27 minutes.

Another Way: Use a number line.

Step 1: Plot the starting time on a number line.

Step 2: Count the minutes from the starting time to the next hour. Then count the minutes from the hour to the ending time.

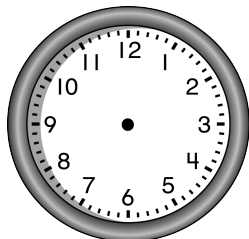
Step 3: Add the jumps to find the elapsed time.



So, the elapsed time is 27 minutes.

Find the elapsed time.

1. Start: 1:40 P.M. End: 2:03 P.M.



_____ minutes

2. Start 10:30 A.M. End: 11:13 A.M.



_____ minutes

Lesson
12.4**Reteach**

A **time interval** is an amount of time.

Newton spends 32 minutes baking oatmeal cookies and 26 minutes baking sugar cookies. How much time does Newton spend baking cookies?

Understand the Problem

What do you know?

Hint: Look for the numbers in the problem.

- Newton spends 32 minutes baking oatmeal cookies.
- He also spends 26 minutes baking sugar cookies.

What do you need to find?

Hint: Look for the question in the problem.

- You need to find how much time Newton spends baking cookies.

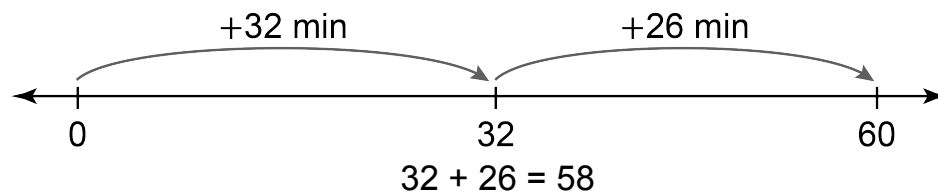
Make a Plan

How will you solve?

- Add 32 and 26 together to find out how much time Newton spends baking cookies.

Solve

Use a number line to represent the problem and show the time intervals.



So, Newton spends 58 minutes baking cookies.

1. You spend 21 minutes planting carrots and 33 minutes planting green beans. How much time do you spend planting?

Lesson
12.5**Reteach**

Liquid volume is the amount of liquid in a container.

A **liter (L)** is the standard metric unit used to measure liquid volume.

A **milliliter (mL)** is another standard metric unit used to measure liquid volume.

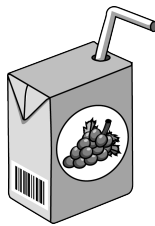
$$1,000 \text{ milliliters} = 1 \text{ liter}$$

Which units should you use to measure the liquid volume, *liters* or *milliliters*?
Explain.

Think: Does the item contain less liquid or more liquid than a 1-liter water bottle?

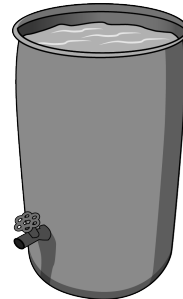
Less liquid: Use *milliliters* to measure the liquid volume.

More liquid: Use *liters* to measure the liquid volume.



Milliliters

A juice box contains less liquid than a 1-liter water bottle.

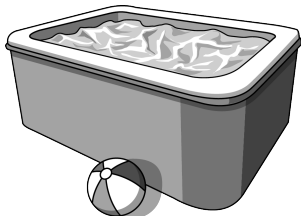


Liters

A rain barrel contains more liquid than a 1-liter water bottle.

Which units should you use to measure the liquid volume, *liters* or *milliliters*?
Explain.

1.



2.

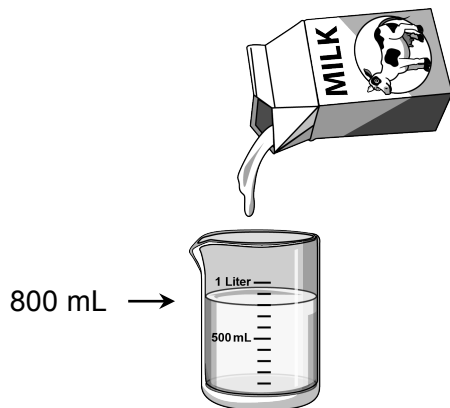


Name _____

Lesson
12.6

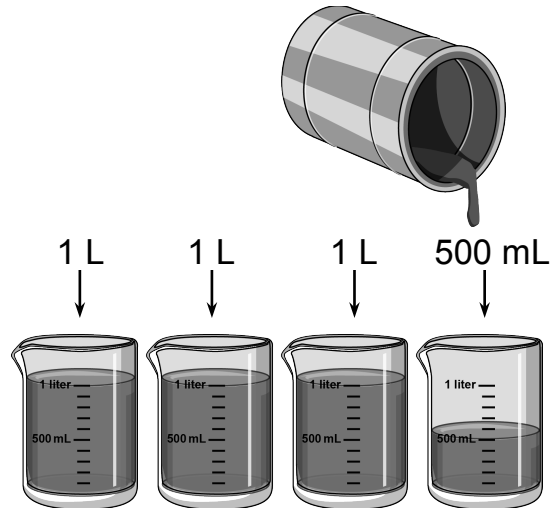
Reteach

What is the liquid volume in each container?



800 mL →

The liquid volume in the milk carton is 800 milliliters.



The liquid volume in the paint can is 3 liters 500 milliliters.

What is the liquid volume in the container?

1.

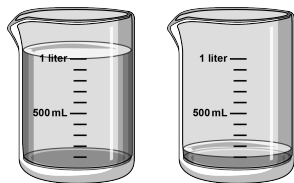


2.

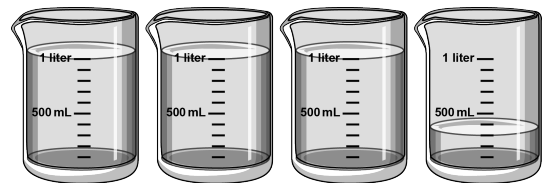


Write the total liquid volume shown?

3.



4.



Lesson
12.7**Reteach**

Mass is the amount of matter in an object.

A **gram (g)** is the standard metric unit used to measure mass.

A **kilogram (kg)** is another metric unit used to measure mass.

$$1,000 \text{ milliliters} = 1 \text{ kilogram}$$

Which units should you use to measure the mass, *grams* or *kilograms*?
Explain.

Think: The mass of a baseball bat is about 1 kilogram. Does the object have more or less matter than a baseball bat?

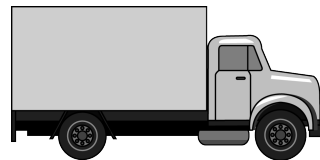
More matter: Use *kilograms* to measure the mass.

Less matter: Use *grams* to measure the mass.



grams

A deck of cards has less matter than a baseball bat.



kilograms

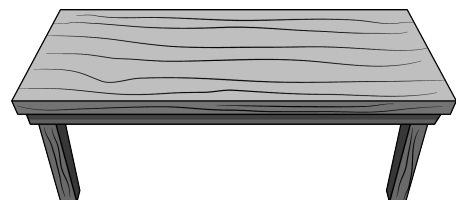
A truck has more matter than a baseball bat.

Which units should you use to measure the mass, grams, or kilograms? Explain.

1.



2.



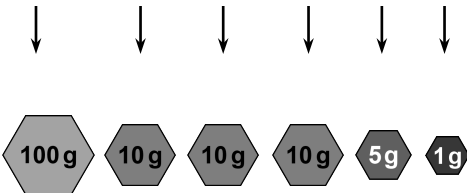
Name _____

Lesson
12.8

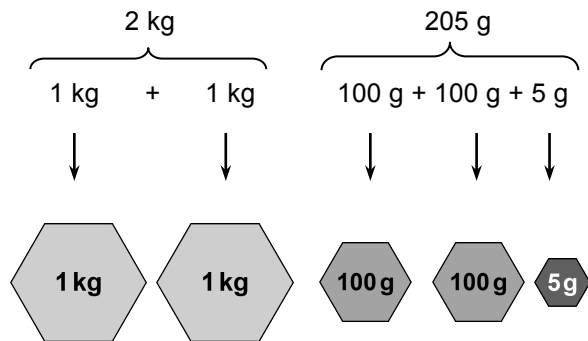
Reteach

Write the total mass shown.

$$100\text{ g} + 10\text{ g} + 10\text{ g} + 10\text{ g} + 5\text{ g} + 1\text{ g} = 136\text{ g}$$



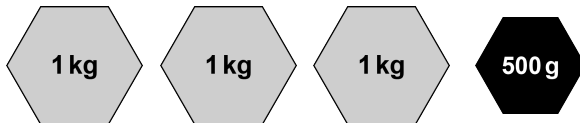
The total mass is 136 grams.



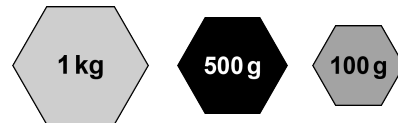
The total mass is
2 kilograms 205 grams.

Write the total mass shown.

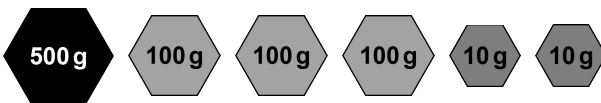
1.



2.



3.



4.

