

Name _____

Reteaching

13-1

Converting Customary Units of Length

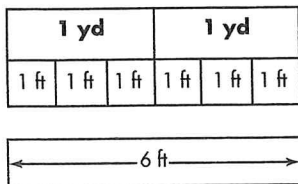
ATI DAY 8

How to change a length measurement from one unit to another:

5.m.p. 1

Converting a length measurement from a smaller unit to a larger unit

6 feet = _____ yards



Think: If I measure the same length using a larger unit, I will need a smaller number of units.

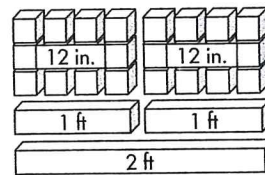
Operation: Divide.

You know $3 \text{ ft} = 1 \text{ yd}$.

Find $6 \div 3$; $6 \text{ ft} = 2 \text{ yd}$

Converting a length measurement from a larger unit to a smaller unit

2 feet = _____ inches



Think: If I measure the same length using a smaller unit, I will need a larger number of units.

Operation: Multiply.

You know $1 \text{ ft} = 12 \text{ in.}$

Find 2×12 ; $2 \text{ ft} = 24 \text{ in.}$

pay attention

Relationships Among Customary Units of Length			
Inch	Foot	Yard	Mile
12 in. =	1 ft		
36 in. =	3 ft	= 1 yd	
5,280 ft = 1,760 yd = 1 mi			

Complete.

- 5 ft = _____ in.
- 3 mi = _____ ft
- 108 in. = _____ ft
- 72 in. = _____ yd
- 2 ft 3 in. = _____ in.
- 45 in. = _____ yd _____ in.
- Which is the greater length, 2 yards or 5 feet? _____
- Estimation** A creek runs along a distance of 16,300 feet. About how many miles long is the creek? _____

Name _____

Converting Customary Units of Length

Convert each unit.

1. 12 yd = _____ in.

2. 30 ft = _____ yd

3. 75 ft = _____ in.

4. 10 ft 7 in. = _____ in.

5. 6 mi = _____ ft

6. 2 mi = _____ yd

Write $>$, $=$, or $<$ for each \bigcirc .

7. 64 in. \bigcirc 5 ft

8. 2 mi \bigcirc 3,333 yd

9. 36 yd 2 ft \bigcirc 114 ft 2 in.

The Statue of Liberty was a gift to the United States from the people of France. Some of the dimensions of the statue are shown here.

Measurements of the Statue of Liberty	
Height from base of statue to the torch	151 ft 1 in.
Length of hand	16 ft 5 in.
Length of index finger	8 ft
Length of nose	4 ft 6 in.
Thickness of right arm	12 ft

10. What is the height, from the base of the statue to the torch, in inches?

11. What is the thickness of the statue's right arm in yards?

12. Which measure is less than 435 inches?

A 37 ft

B 36 ft 10 in.

C 12 yd 3 in.

D 12 ft 3 in.

13. Explain how you can find the number of feet in 40 yards.

Name _____

Reteaching

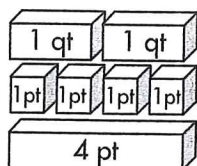
13-2

Converting Customary Units of Capacity

How to change a capacity measurement from one unit to another

Converting a capacity measurement from a smaller unit to a larger unit

4 pints = _____ quarts



Think: If I measure the same capacity using a larger unit, I will need a smaller number of units.

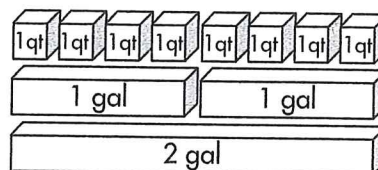
Operation: Divide.

You know $2 \text{ pt} = 1 \text{ qt}$.

Find $4 \div 2$; $4 \text{ pt} = 2 \text{ qt}$

Converting a capacity measurement from a larger unit to a smaller unit

2 gallons = _____ quarts



Think: If I measure the same capacity using a smaller unit, I will need a larger number of units.

Operation: Multiply.

You know $1 \text{ gal} = 4 \text{ qt}$.

Find 2×4 ; $2 \text{ gal} = 8 \text{ qt}$

Relationships Among Customary Units of Capacity				
Ounce	Cup	Pint	Quart	Gallon
8 fl oz	= 1 c			
	2 c	= 1 pt		
		2 pt	= 1 qt	
			4 qt	= 1 gal

Complete.

1. $16 \text{ fl oz} = \underline{\hspace{2cm}} \text{ c}$

2. $8 \text{ gal} = \underline{\hspace{2cm}} \text{ qt}$

3. $10 \text{ c} = \underline{\hspace{2cm}} \text{ pt}$

4. $6 \text{ qt} = \underline{\hspace{2cm}} \text{ pt}$

5. **Estimation** A vat has a capacity of 642 fl oz. Estimate its capacity in cups.

Name _____

Converting Customary Units of Capacity

Convert each unit.

1. $2 \text{ qt} = \underline{\hspace{2cm}} \text{ pt}$

2. $5 \text{ c} = \underline{\hspace{2cm}} \text{ pt} \underline{\hspace{2cm}} \text{ c}$

3. $3 \text{ gal} = \underline{\hspace{2cm}} \text{ pt}$

4. $96 \text{ fl oz} = \underline{\hspace{2cm}} \text{ c}$

5. $4 \text{ qt} = \underline{\hspace{2cm}} \text{ c}$

6. $9 \text{ pt} = \underline{\hspace{2cm}} \text{ c}$

Solve.

7.
$$\begin{array}{r} 5 \text{ c } 4 \text{ fl oz} \\ - 4 \text{ c } 3 \text{ fl oz} \\ \hline \end{array}$$

8.
$$\begin{array}{r} 7 \text{ gal } 2 \text{ qt} \\ + 3 \text{ gal } 1 \text{ qt} \\ \hline \end{array}$$

9.
$$\begin{array}{r} 6 \text{ qt } 1 \text{ pt} \\ - 2 \text{ qt } 1 \text{ pt} \\ \hline \end{array}$$

10. **Estimation** Estimate the number of pints in 445 ounces.

11. If you needed only 1 c of milk, what is your best choice at the grocery store—a quart container, a pint container, or a $\frac{1}{2}$ gal container?

12. Which of the following is equivalent to 1 c?

A 4 fl oz

B 2 pt

C 8 fl oz

D 4 qt

13. **Writing to Explain** Explain how you would convert a measurement given in ounces into pints.

Name _____

Reteaching

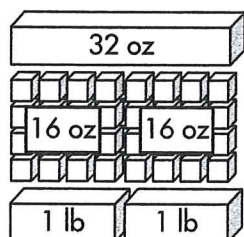
13-3

Converting Customary Units of Weight

How to change a weight measurement from one unit to another:

Converting a weight measurement from a smaller unit to a larger unit

32 ounces = _____ pounds



Think: If I measure the same weight using a larger unit, I will need a smaller number of units.

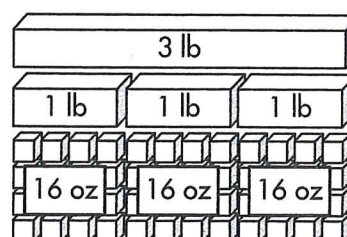
Operation: Divide.

You know $16 \text{ oz} = 1 \text{ lb}$.

Find $32 \div 16$; $32 \text{ oz} = 2 \text{ lb}$

Converting a weight measurement from a larger unit to a smaller unit

3 pounds = _____ ounces



Think: If I measure the same weight using a smaller unit, I will need a larger number of units.

Operation: Multiply.

You know $1 \text{ lb} = 16 \text{ oz}$.

Find 3×16 ; $3 \text{ lb} = 48 \text{ oz}$

Relationships Between Customary Units of Weight

Ounce	Pound	Ton
16 oz	= 1 lb	
	2,000 lb	= 1 T

Convert each unit of measurement.

1. $4 \text{ T} = \underline{\hspace{2cm}} \text{ lb}$

2. $5 \text{ lb} = \underline{\hspace{2cm}} \text{ oz}$

3. $48 \text{ oz} = \underline{\hspace{2cm}} \text{ lb}$

4. $6,000 \text{ lb} = \underline{\hspace{2cm}} \text{ T}$

Compare. Use $>$, $<$, or $=$.

5. $3,000 \text{ lb} \bigcirc 1 \text{ T}$

6. $272 \text{ oz} \bigcirc 20 \text{ lb}$

7. **Estimation** A candy maker buys a bar of chocolate weighing 162 ounces. About how many pounds does the bar weigh?

Name _____

Practice

13-3

Converting Customary Units of Weight

Convert each unit of measurement.

1. 8 T = _____ lb

2. $2\frac{1}{2}$ lb = _____ oz

3. 4,000 lb = _____ T

4. 90 lb = _____ oz

Compare. Use $>$, $<$, or $=$.

5. 16 lb 16 oz

6. 1,500 lb 2 T

7. 3 T 5,999 lb

8. 1,600 oz 10 lb

9. 19 lb 300 oz

10. 8 oz $\frac{1}{2}$ lb

11. How many ounces of potatoes are in a 5-pound bag of potatoes? _____

12. Did you know that there is litter in outer space? Humans exploring space have left behind bags of trash, bolts, gloves, and pieces of satellites. There are currently about 4,000,000 pounds of litter in orbit around Earth. About how many tons of space litter is this? _____

13. Karla bought 2 pounds of red beads, $1\frac{3}{4}$ pounds of green beads, and 10 ounces of string at the craft store. How much do Karla's supplies weigh in all? _____

14. Which of the following is equivalent to $92\frac{1}{2}$ pounds?

A 1,472 oz

B 1,480 oz

C 1,479 oz

D 1,488 oz

15. How much is $3\frac{1}{2}$ pounds written as a combination of whole pounds and whole ounces? Explain how you found your answer.

A Poetic Visitor

What would you ask a poet who came to visit your classroom?

1 “Class, I’d like to introduce Kerry Donnelly,” said Ms. Jorge. “Ms. Donnelly has written four books of children’s poetry. Two of her books are award winners. We’re lucky she was able to take the time to speak with us today.”

2 Ms. Donnelly smiled at the class. “Thanks for having me,” she said. She leaned against the edge of Ms. Jorge’s desk. “Did you all know I went to elementary school here? I actually wrote my first poem in Mr. Wen’s class, right across the hall.

3 “My best friend was moving to Washington, and I couldn’t imagine life without her,” continued Ms. Donnelly. “Mr. Wen asked us to write a poem about something we felt passionate about. I passionately didn’t want Madelyn to move to Washington, so I wrote about her and our friendship and all the things I’d miss. For some reason, that poem actually made me feel better.

4 “The day before Madelyn moved, I gave her the poem I’d written. She said it made her feel better, too, because she knew at least one other person in the world understood how she was feeling. I think that’s one of the most valuable things about poetry.”

5 Ms. Donnelly stood up and put out her hands. “I’d like to hear your questions,” she said. “You can ask me anything you like about poetry and writing, and I’ll do my best to answer your questions.”

6 Maurice raised his hand. “Do you know what you are going to say when you sit down to write?” he asked.

7 Ms. Donnelly shook her head. “Usually, I don’t know what I want to say until I actually see the words appearing on the page. I just have to make sure that I sit down and write something every single day. That way, I’m sure to capture the good stuff when it’s ready to be written.”

8 “Where do you get your ideas?” asked May.

9 “That’s a good question,” said Ms. Donnelly. “I have twin sons who are in the sixth grade. They and their friends and classmates have been the source of many ideas. I also grew up in a family of five kids, so my reminiscences of my siblings and my own childhood appear pretty regularly in my work.”

10 “What would you be if you couldn’t be a poet?” asked Ana.

11 Ms. Donnelly smiled but didn’t say anything for a minute. “That’s a very hard question. There are many other things I’d like to be, but they are all in addition to being a poet. I can’t think of a single job I’d rather have instead.”

12 “And that,” said Ms. Jorge to the class, “is the very best kind of job.”



NAME _____

Vocabulary Skills

Write the words from the story that have the meanings below.

1. having very strong feelings

_____ Par. 3

2. very important; worth a great deal

_____ Par. 4

3. memories

_____ Par. 9

4. brothers and sisters

_____ Par. 9

In each row, circle the word that does not belong.

5. book desk newspaper magazine

6. vacation poem story essay

7. friend companion vehicle pal

Read each pair of words listed below. If the words are synonyms, write S on the line. If the words are antonyms, write A on the line.

8. _____ remember forget

9. _____ smiled grinned

10. _____ often infrequently

11. _____ brief long

12. _____ leave depart

Reading Skills

1. Find one sentence that shows Ms. Donnelly is happy to be a poet. Write it on the lines below.

2. Check the phrase that best describes the author's purpose.

_____ to tell a story about a poet who visits a classroom

_____ to tell the reader about the lives of famous poets

_____ to explain how to write a poem

Circle the word that best completes each sentence.

3. Ms. Donnelly felt _____ about her best friend moving away.

strongly excited joyful

4. Ms. Donnelly is eager to share her _____ with the class.

worries experiences confusion

Study Skills

A library's reference system can help you find a book. Use the information below to answer the questions that follow.

Call No:	455.62 SU
Author:	Sullivan-Todd, Kathy
Title:	My Life in Poetry
Publisher:	Darby House Publishing, 2004

1. What is the title of the book?

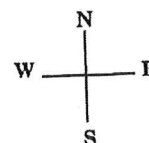
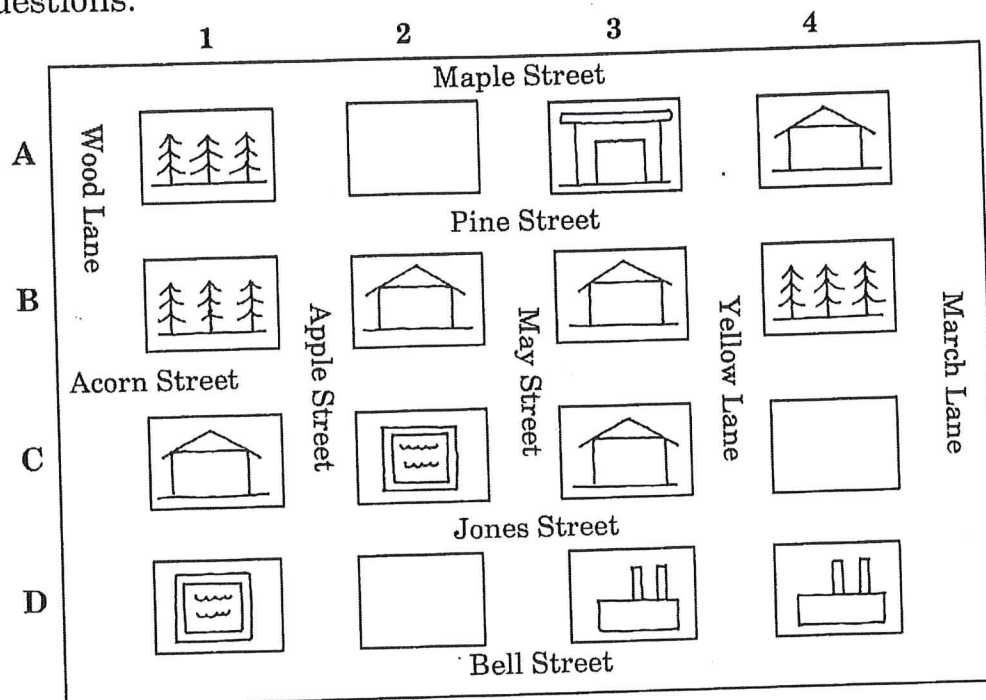
2. What year was the book published?

3. Which book would be located closer to the book with the call number above—the book with call number 455.62 VO or the book with call number 455.62 DA?

Numbers and Letters on a Map

Name Day 8 SS-E 4.1.1
4.1.2

This is a map of Red Falls. Use the numbers and letters to help you answer the questions.



Legend	
library	
woods	
swimming pool	
house	
factory	

1. Locate these blocks. Write down what you see in each block.

"A 1" _____

"C 1" _____

"D 4" _____

"D 1" _____

"B 2" _____

"A 3" _____

2. Name the blocks with swimming pools. _____

3. Name the blocks with houses. _____

4. Name the blocks with woods. _____

5. Tell what is located in the first block south of "A 3." _____

6. What is in the block south of "C 1"? _____

7. How many houses are in "B 2"? _____

8. How many houses altogether are in the "C" blocks? _____

9. What is in the block east of "B 3"? _____

10. What is in the block west of "D 4"? _____

11. Draw a swimming pool in "A 2."

12. Draw a house in "D 2."

13. Draw a factory in "C 4."

SS-E 4.1.1
4.12

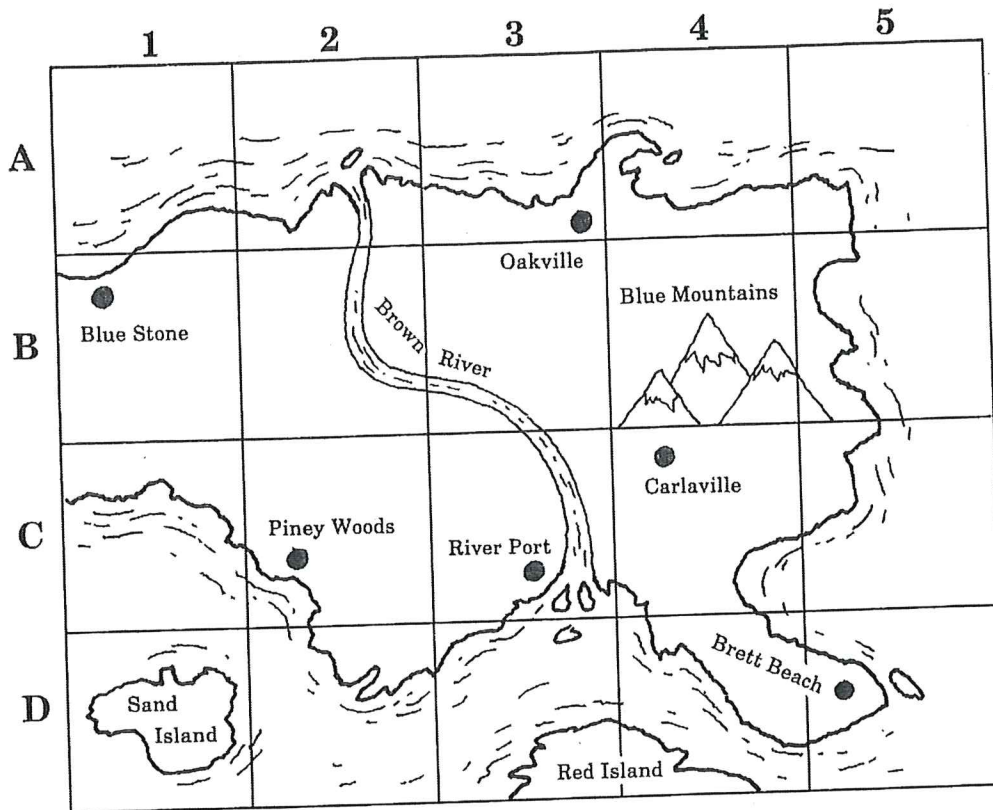
Grids

Using a Grid


Day 8

Name _____

A map grid helps people locate places easily. Use the numbers and letters to help you answer the questions.



1. In which block is Brett Beach? _____
2. In which block is Blue Stone? _____
3. In which block is Piney Woods? _____
4. In which two blocks is Red Island? _____
5. In which four blocks is the Brown River? _____
6. In which block is Carlaville? _____
7. In which two blocks are the Blue Mountains? _____
8. Name the town located in "A 3." _____
9. Name the two islands found on the map. _____
10. Name the city directly north of "D 4." _____
11. In "C 5," add a town to the map. _____
12. In "B 2," add some trees. _____
13. In "A 5," add an island and name the island. _____
14. Draw a boat in "D 2." _____
15. Draw some tents in "C 1." _____

I  you a question!

What is the best invention of all-time?

Scholastic Magazine has asked you to write an article for their magazine telling other kids what the most important invention of all time is. They sent you a list of inventions to choose from that includes refrigeration, the smart phone, computers, automobiles, or airplanes.

Introduction:

Address the Audience and Restate the Situation/Topic.

State your Opinion: Be sure to start Opinion Statement the right way!

List three reasons to support your opinion. Do not forget your commas!!!

Put a Hook on it! Ask your Audience a MEANINGFUL QUESTION:

Reason 1:

The first reason from your Introduction paragraph. (Transitions: First, Initial, to start with)

Example/Detail #1: Transitions: For example, for instance, In fact, Specifically

Example/Detail #2: Transitions: Another example, additionally

Study or Survey: According to the University of Kentucky.... Include a percentage or ratio.

K-PREP Short Answer Space

Open Response: (Use a separate sheet of paper of the back of the bubble sheet)

- A. Draw a tropical scene, use cool colors in the foreground and warm colors in the background.
- B. Label the foreground and background.
- C. Identify the warm and cool colors used and explain what objects you made with these colors in your composition.

A.

Do not write outside this box.

C.