



2nd Grade

American Math Homework Week 04/14 - 04/18

Vocabulary Word

- Expression
- Equation
- **Sum**
- **Difference**
- Elapsed Time
- Fractions
- Perimeter
- Balance Equation
- Thermometer

A Note From Ms. Varela

Students need the iPad charged daily.

This week we begin "Getting Ready for 3rd Grade."

Our scholars will be preparing for the FAST STAR Math assessment scheduled for May 12th-16th. Please ensure your child completes the homework assignments each night. Consistent practice will make a big difference in their confidence and performance.

Scholars have extra resources available to practice:

- ❖ **Freckle: Assigned lessons and/or Focus Skills**
- ❖ IXL Diagnostic Recommended lessons
- ❖ FAST Test Sample Questions extra resources is available in Archie under the resources tab.

Homework





The homework is due Monday, April 21st.

Monday	IXL L9C Elapsed time word problems: find the elapsed time Lessons: 12, 13, and 14
Tuesday	IXL 6JL Understand fractions: fraction bars Lessons: 17, 18, and 19
Wednesday	IXL DU7 Perimeter Temperature: Practice, reteach and homework.
Thursday	IXL L5U Match analog and digital clocks IXL 5U9 Balance addition equations - up to three digits
Friday	Complete Freckle assigned lessons

Hour Before and Hour After

Write the time shown on the clock .

Then write the time 1 hour before and 1 hour after.

1. 	_____	2. 	_____
	1 hour before		1 hour before
	_____		_____
	1 hour after		1 hour after
_____		_____	
3. 	_____	4. 	_____
	1 hour before		1 hour before
	_____		_____
	1 hour after		1 hour after
_____		_____	

Problem Solving

5. Wes needs to walk the dog 1 hour after the time on the clock. When does Wes need to walk the dog?



Wes needs to walk the dog at _____.

Elapsed Time in Hours**Use the time line above. Solve.**

1. Eli's grandma comes to visit at 8:00 A.M. She leaves at noon. How long does Eli's grandma visit?

_____ hours

2. The bus trip starts at 3:00 P.M. and ends at 6:00 P.M. How long is the bus trip?

_____ hours

3. Mr. North starts mowing the grass at 8:00 A.M. He finishes at 10:00 A.M. How long does Mr. North mow grass?

_____ hours

4. The movie starts at 2:00 P.M. It ends at 4:00 P.M. How long is the movie?

_____ hours

Problem Solving

Solve. Draw or write to explain.

5. The times for the events at the science fair are listed.

Event	Time
Set Up Exhibits	1:00 P.M.
Judging	2:30 P.M.
Presentations	4:30 P.M.

How long will the judging last?

_____ hours

Elapsed Time in Minutes**Subtract to solve.**

- | | |
|--|--|
| <p>1. Anton walks his dog. He starts at 1:15 P.M. He finishes at 1:50 P.M. How long does he walk his dog?</p> <p>_____ minutes</p> | <p>2. It starts to rain at 10:05 A.M. It stops raining at 10:30 A.M. How long does it rain?</p> <p>_____ minutes</p> |
| <p>3. Hans starts washing dishes at 6:40 P.M. He finishes at 6:55 P.M. How long does it take Hans to wash the dishes?</p> <p>_____ minutes</p> | <p>4. Mrs. Finley puts cookies in the oven at 2:25 P.M. She takes them out at 2:35 P.M. How long are the cookies in the oven?</p> <p>_____ minutes</p> |

Problem Solving

Show how to use subtraction to solve.

5. Mrs. Sanders gets to the train station at 4:10 P.M. She looks at the train arrival times.

Train Arrival Times
1:30 P.M.
2:45 P.M.
4:30 P.M.

How long will she need to wait for a train? _____ minutes

Fraction Models: Thirds and Sixths**Color the strips. Show two different ways to show 5 sixths.**1.

--	--	--	--	--	--

2.

--	--	--	--	--	--

Color the strips. Show two different ways to show 2 thirds.3.

--	--	--

4.

--	--	--

Color the strips. Show two different ways to show 3 sixths.5.

--	--	--	--	--	--

6.

--	--	--	--	--	--

Problem Solving

Solve. Write or draw to explain.

7. A sub sandwich is cut into thirds.
Jon eats one part of the sandwich.
How many parts are left?

_____ parts

Fraction Models: Fourths and Eighths**Color the strips. Show two different ways to show 5 eighths.**1.

--	--	--	--	--	--	--	--

2.

--	--	--	--	--	--	--	--

Color the strips. Show two different ways to show 2 fourths.3.

--	--	--	--

4.

--	--	--	--

Color the strips. Show two different ways to show 2 eighths.5.

--	--	--	--	--	--	--	--

6.

--	--	--	--	--	--	--	--

Problem Solving

Solve. Write or draw to explain.

7. A piece of string is cut into fourths. Jenny uses one of the parts to make a bracelet. How many parts of the string are left?

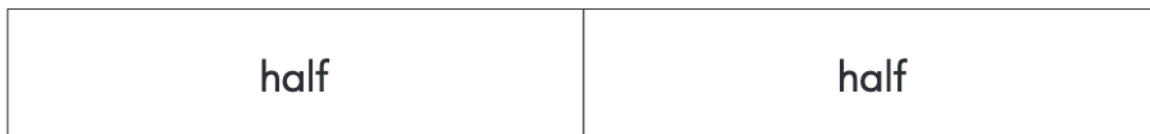
_____ parts

Compare Fraction Models

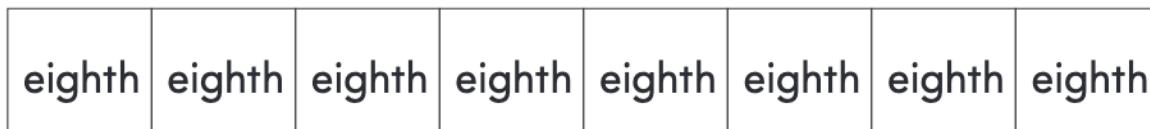
Color to show the fractions. Write $<$, $=$, or $>$.

1.

1 half



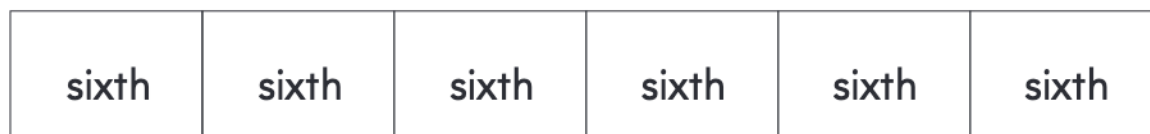
1 eighth



1 half 1 eighth

2.

2 sixths



1 third



2 sixths 1 third

Problem Solving



Solve. Draw to show your answer.

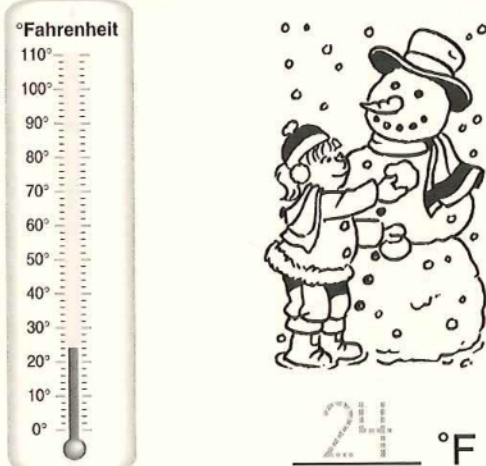
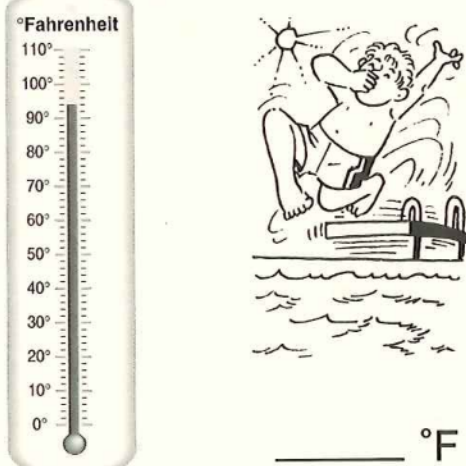
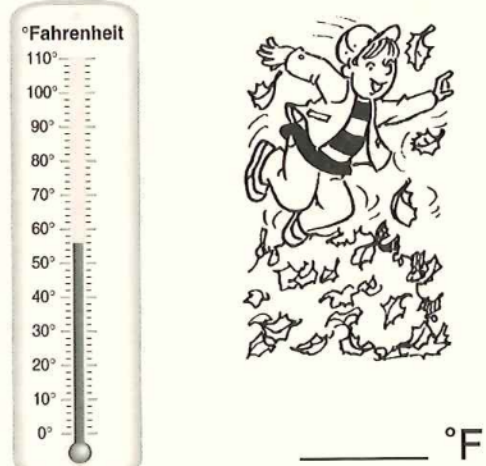
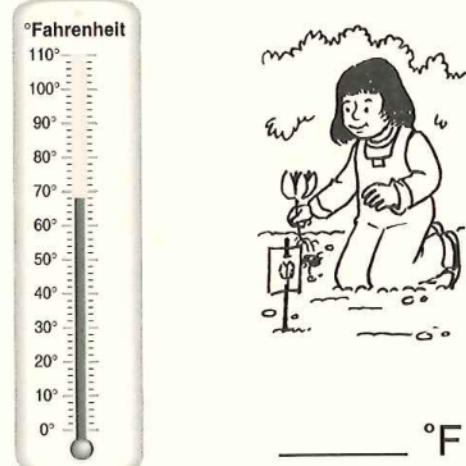
3. Kay cut a cheese stick into sixths and ate a sixth. Jake cut a cheese stick into thirds and ate a third. Which child ate less cheese?

_____ ate less cheese.

Temperature: Fahrenheit

Write the temperature.

Remember
From one line to the next is 2 degrees.

<p>1.</p>  <p>24 °F</p>	<p>2.</p>  <p>_____ °F</p>
<p>3.</p>  <p>_____ °F</p>	<p>4.</p>  <p>_____ °F</p>

Test Prep

Fill in the ○ for the correct answer. NH means Not Here.

5. What is the temperature?

Rico chooses a coat and mittens to wear to school.

37°F	60°F	75°F	NH
○	○	○	○

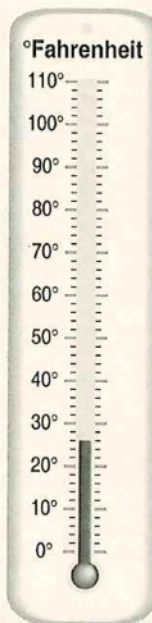
Temperature: Fahrenheit

You can use a thermometer to measure temperature in degrees Fahrenheit ($^{\circ}\text{F}$).

From one line to the next,
the temperature changes 2 degrees.

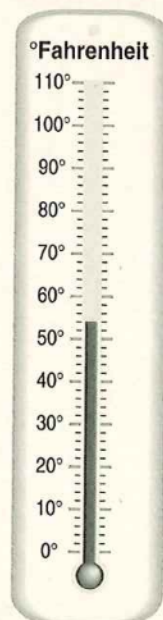
Count up by 2s from 20° .

20° , 22° , 24° , 26°



Circle the temperature.

1.



54°F 30°F

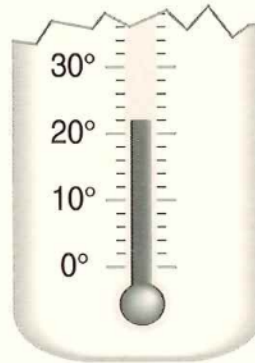
2.



56°F 96°F

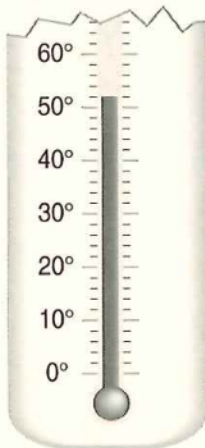
Temperature: Fahrenheit

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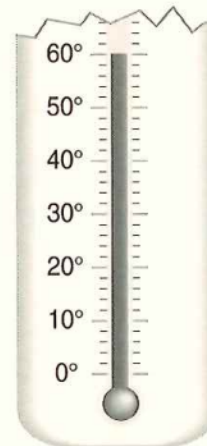
22 $^{\circ}\text{F}$

Write the temperature.

1.

52 $^{\circ}\text{F}$

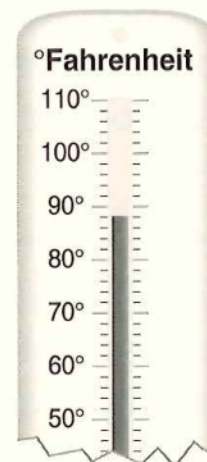
2.

 $^{\circ}\text{F}$

3.

 $^{\circ}\text{F}$

4.

 $^{\circ}\text{F}$

5. The thermometer reads 28°F . What should Felipa wear to go outside to play? _____