

Wednesday January 12

#### Bell Work

- Must Do job: journal write (lined paper attached)
  - "What did you 1st want to be when you grew up? Has that changed?"
- Can Do job: attached puzzle

#### Daily 5 (20 minutes each)

- Read to Self
- Read to Someone
- Teacher Conference: read over all words, figure out categories, sort words (sorts attached, email teacher if student forgets which group they're in)
- Word Work: colour the back, cut words, & sort words
- Work on Writing: free write or complete bell work write

#### Math

- Multiplication introduction
- Practicing putting things into groups
- Number a page from 1-12 and come up with an example(s) for each number of things that are grouped in that number, for example:
  - 1 wheel on a unicycle
  - 2 hands, feet, wheels on a bicycle
  - 3 sides on a triangle
  - ...and so on...

#### Carpet Chat

- New Year: discussed what we were looking forward to this year
- Kindness Jar: gave compliments to our peers (do the same with your family)

#### Read Aloud

- New book: *The One and Only Ivan*
  - Made predictions, talked about the author & back cover description, went through the glossary, and read the first 10 pages
  - [\[PDF\] The One and Only Ivan Book by Katherine Applegate \(2012\) Read Online or Free Download \(booksvoooks.com\)](#)

#### Art

- Introduced mandalas and radial symmetry and how they're connected
- Explored and coloured a few examples of mandalas (attached)

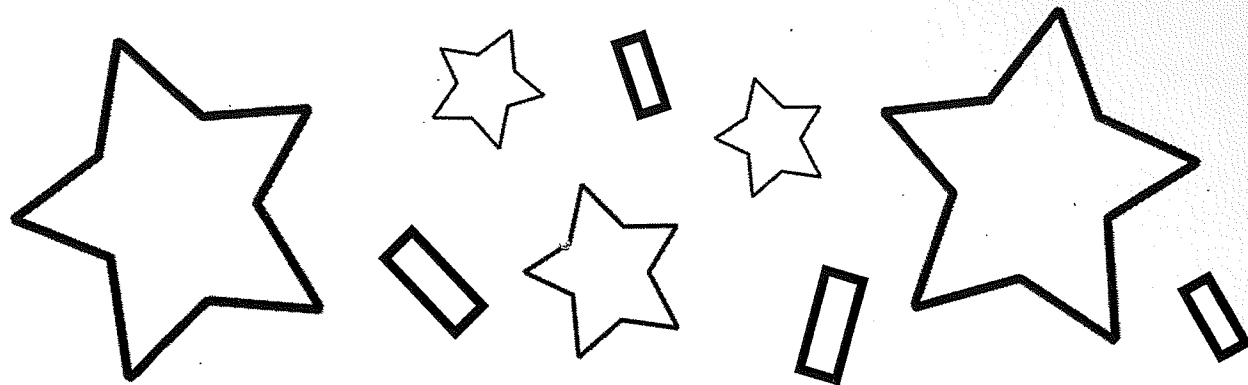
Handwriting practice lines consisting of solid top and bottom lines with a dashed midline for letter height guidance. There are 10 such sets of lines on the page.

Capital Letters at the beginning

Lowercase letters

Spaces between words

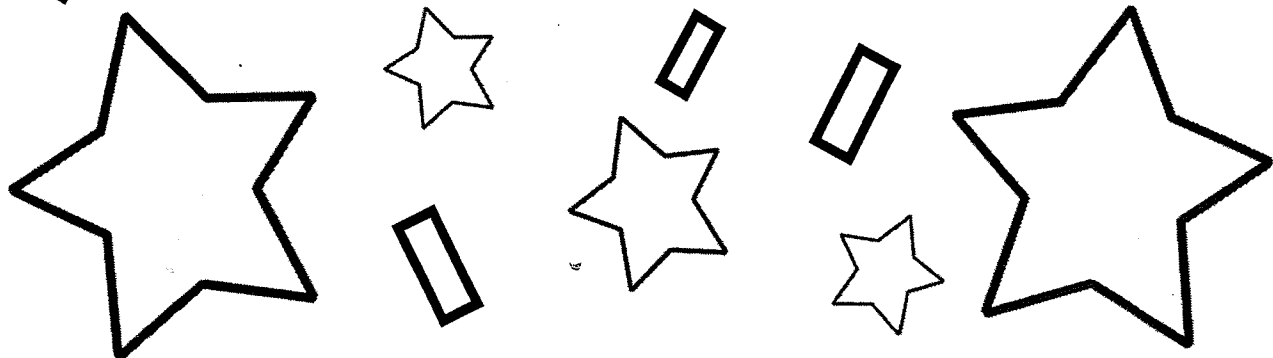
Punctuation



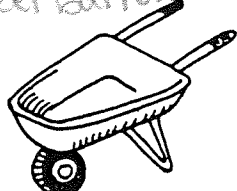

Happy

New



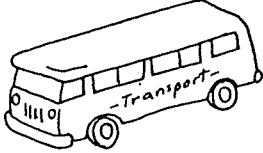


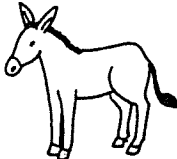
Year!



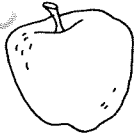

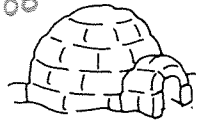


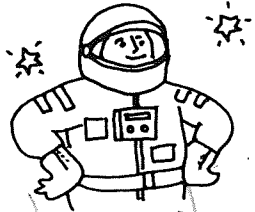
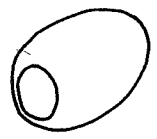


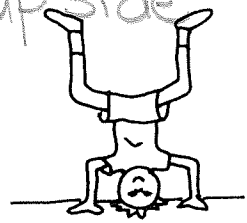
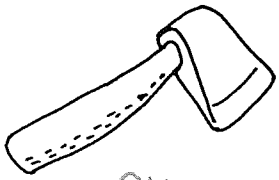
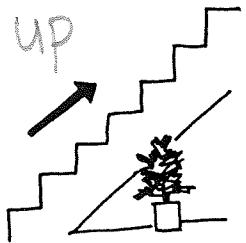


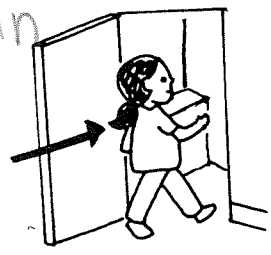
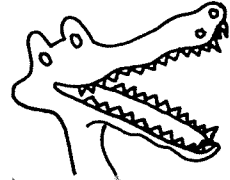
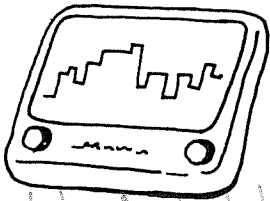
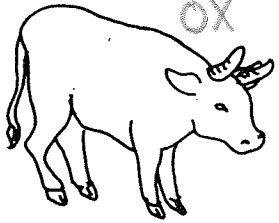
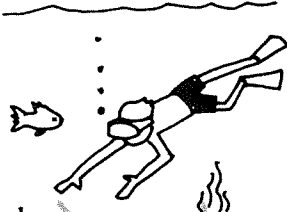
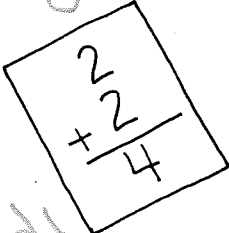
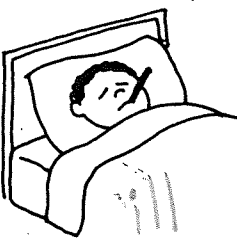


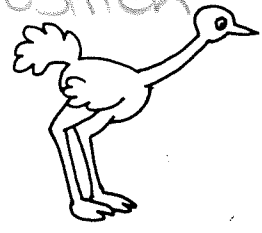
SORT 22 TH and WH Digraphs

th 	wh 	
 thermometer	wheelbarrow 	 thermos
 whip	thief 	 whistle
13 thirteen	 whisker	thumb 
 whale	thorn 	 think
wheel 		 wheat

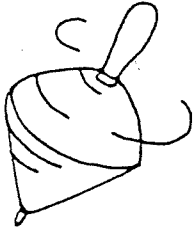

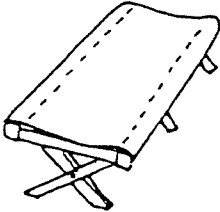

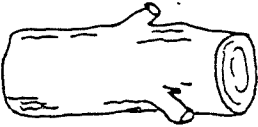
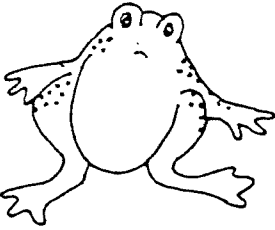


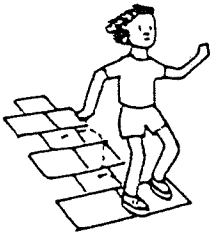
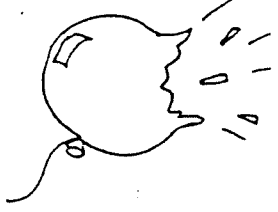

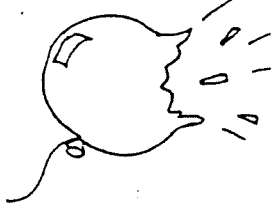
SORT 10 Short U Versus Long U (CVCe)

<p>ŭ  cup</p>	<p>ū  tube</p>	<p><i>Oddball</i></p>
<p>drum</p>	<p></p>	<p>cute</p>
<p>use</p>	<p>huge</p>	<p>just</p>
<p></p>	<p>jump</p>	<p>hunt</p>
<p>shut</p>	<p>tube</p>	<p></p>
<p>2 + 2 = 4</p>	<p>tune</p>	<p>such</p>
<p>club</p>	<p>June</p>	<p>rude</p>
<p>flute</p>	<p></p>	<p>put</p>

SORT 43 Initial Short-Vowel Pictures

apple a 	egg e 	igloo i 	octopus o 
u  umbrella	 astronaut	 olive	itch 
Ed 	upside 	 ax	up 
 ick	 eskiimo	in 	 alligator
 etch A sketch	ox 	 underwater	 add
 ill	 otter	ant 	ostrich 

● SORT 15 OP, OT, and OG Families with Words and Pictures

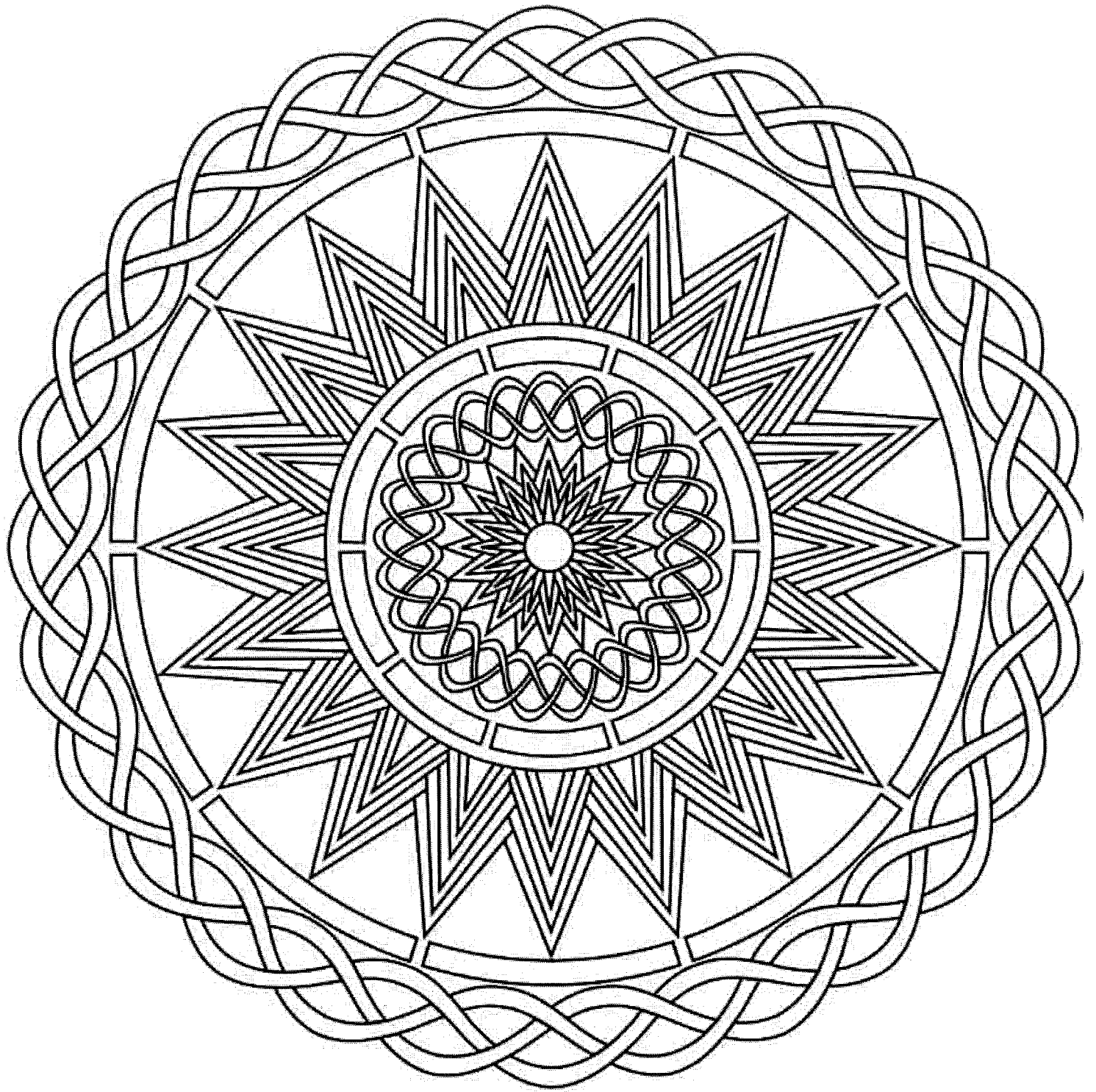
pot	dog	cot	hop
log	frog	top	jog
mop	dot	hot	pop
			
			
			

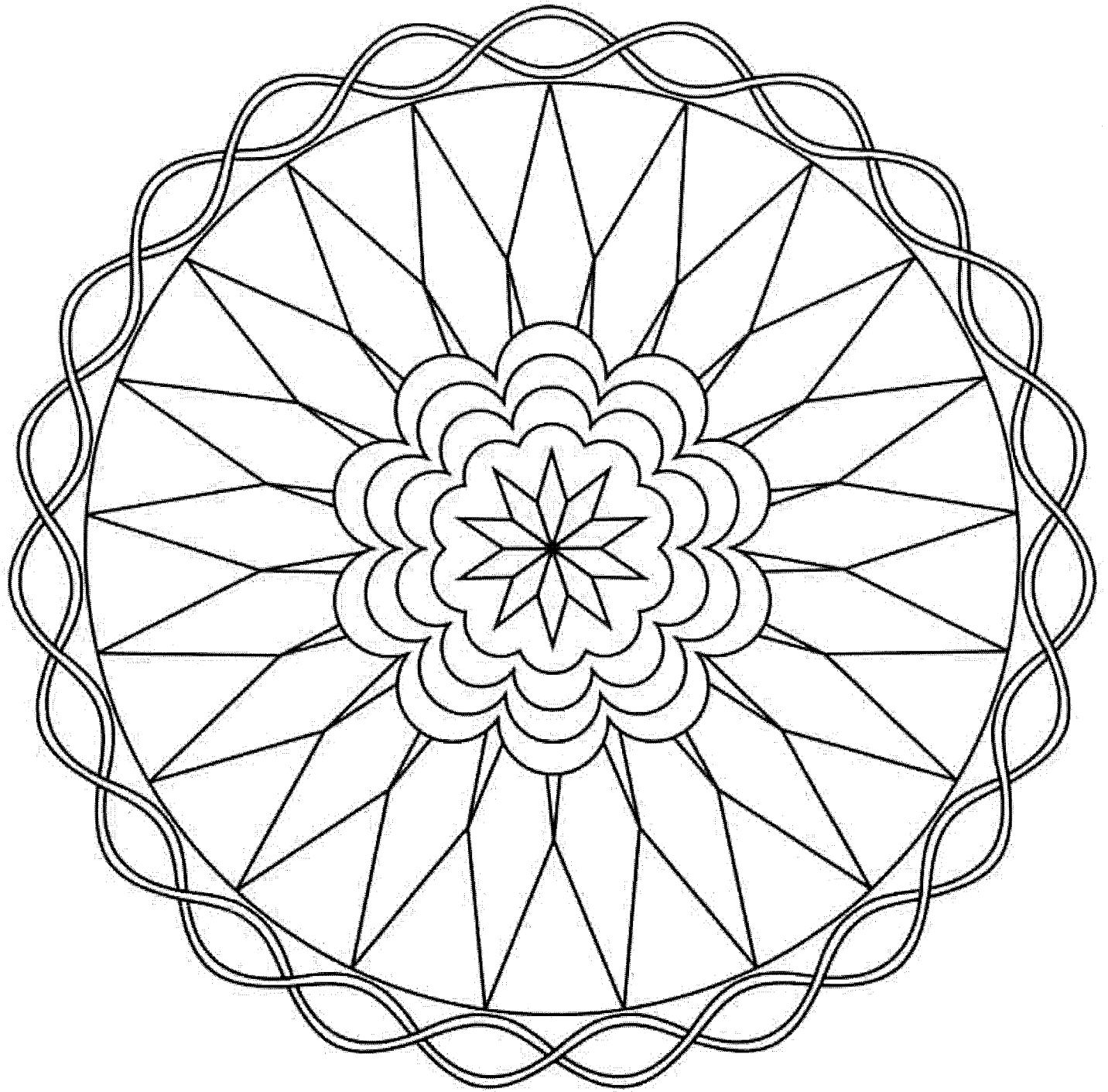
Group 4

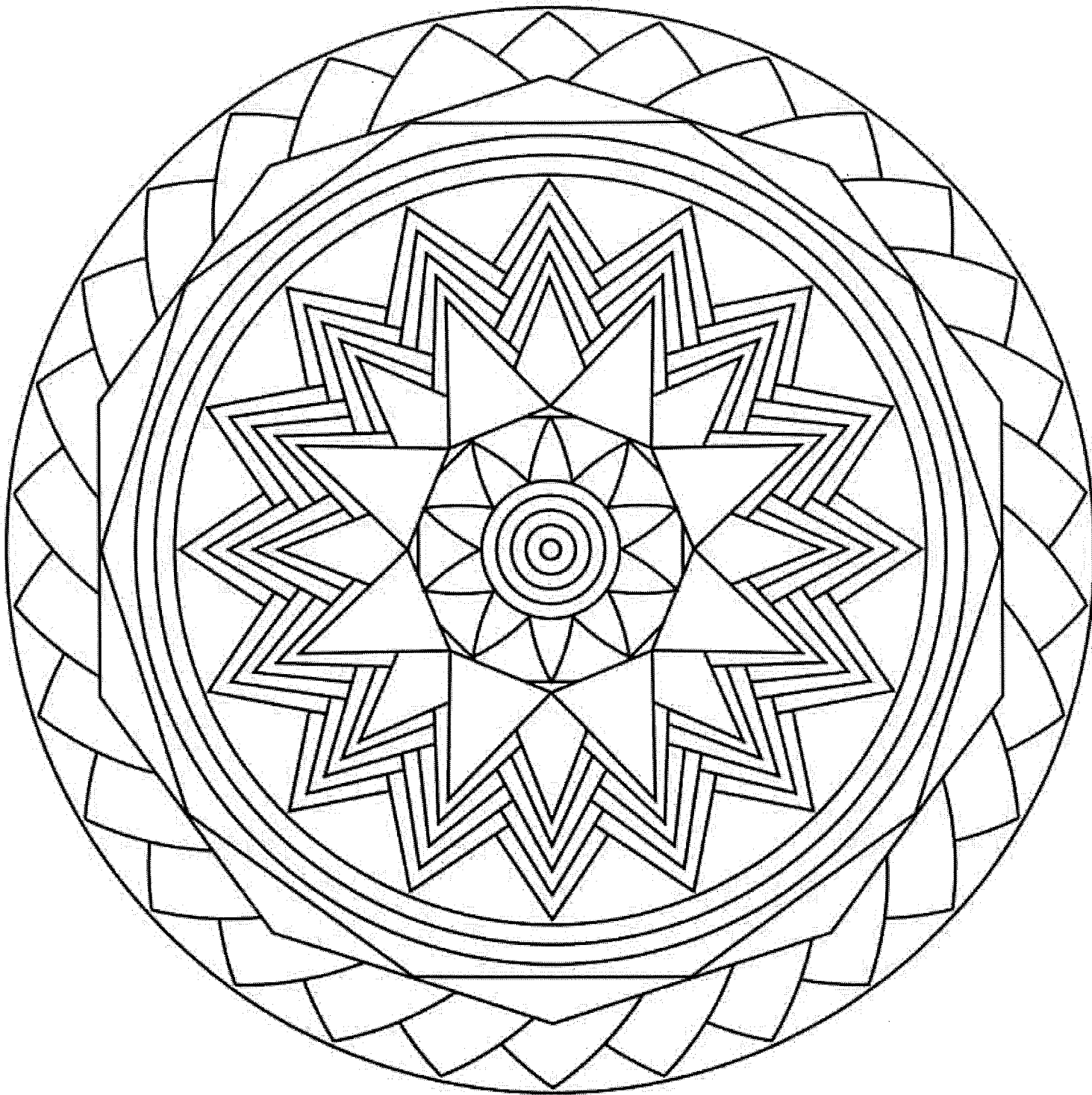
## SORT 5 Adding -ED to Words

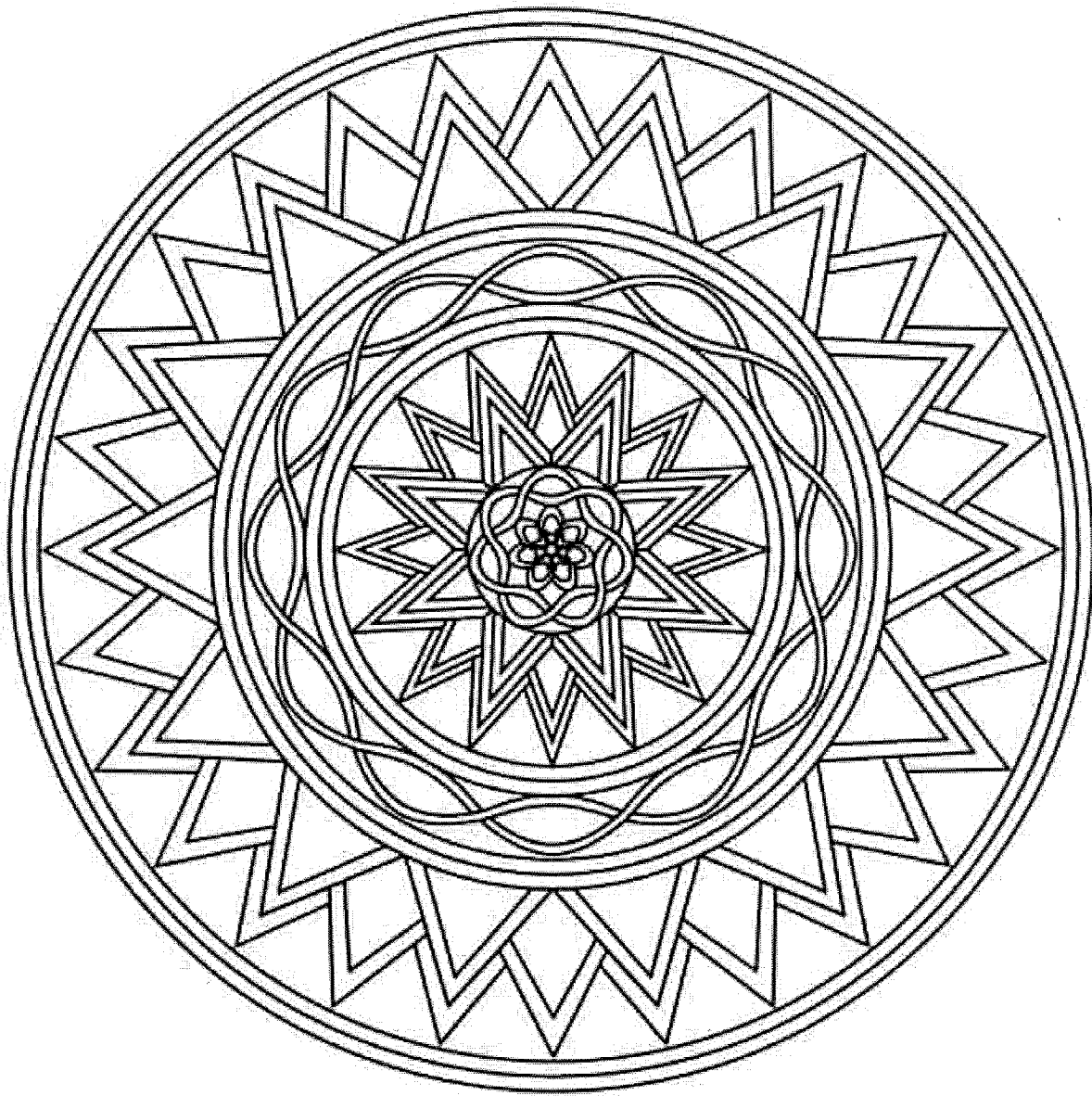
<b>double</b>	<b>e-drop</b>	<b>nothing</b>	<b>oddball</b>
<b>hopped</b>	<b>hoped</b>		<b>joined</b>
<b>acted</b>	<b>planned</b>		<b>saved</b>
<b>waited</b>	<b>wanted</b>		<b>grabbed</b>
<b>closed</b>	<b>mixed</b>		<b>helped</b>
<b>nodded</b>	<b>scored</b>		<b>shouted</b>
<b>started</b>	<b>stirred</b>		<b>stepped</b>
<b>named</b>	<b>passed</b>		<b>dropped</b>
<b>chewed</b>	<b>lived</b>		<b>seemed</b>











Thursday January 13

**Bell Work**

- Must Do job: option 1, 2, or 3 (choose accordingly to your ability)
- Can Do job: attached winter page to colour

**Math**

- Identify and act out things in groups
- Explore a multiplication sentence, vocabulary, and meaning (combining equal groups) by looking at the 1x, 2x, and 3x tables

**Word Sort**

- Do your word sort a handful of time and read over words aloud
- Complete word search (attached)

**Writing**

- Paragraph introduction
- Practice forming an opinion and backing it up with 3 details / pieces of evidence

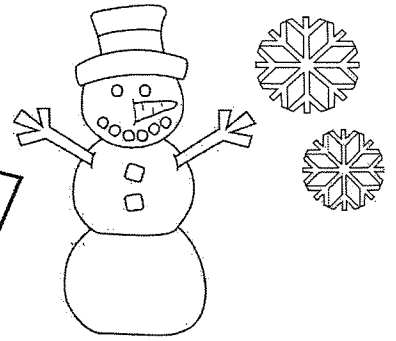
**Science**

- Introduce Thermal Energy unit
- Complete Lab 1 - *What is Heat?* (attached)
  - Concept: Heat is a form of energy characterized by movement of molecules. It occurs when other forms of energy convert to heat energy.

**Art**

- Reviewed mandalas and radial symmetry and how they're connected
- Explored and coloured a few examples of mandalas (from yesterday)
- Look at different examples of outdoor mandalas made from natural materials
  - [\(479\) Pinterest](#)
- Read *The One & Only Ivan* as we coloured
  - [\[PDF\] The One and Only Ivan Book by Katherine Applegate \(2012\) Read Online or Free Download \(booksvoooks.com\)](#)

Name \_\_\_\_\_



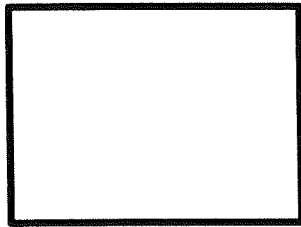
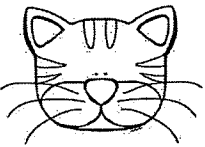
Day 1



# January

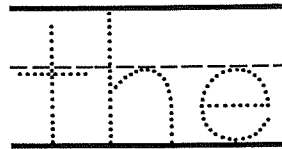
### Rhyming

Circle the picture that rhymes.  
Draw another picture that rhymes.



### Sight Words

Trace it, Spell it, Write it.



### Phonics

Write the missing sound



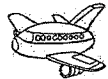
Color the pictures that have the same middle sound.



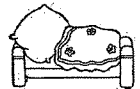
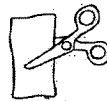
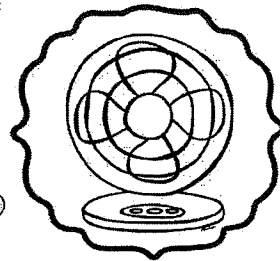
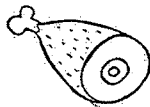
p           g



c           p



j           t



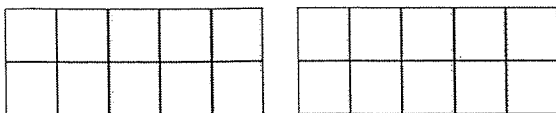
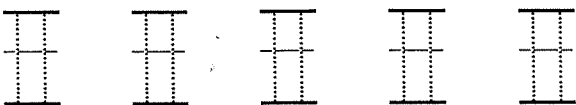
### Counting

Fill in the missing numbers. Practice counting on from each number.

	<b>2</b>				<b>5</b>		<b>7</b>			
--	----------	--	--	--	----------	--	----------	--	--	--

### Numbers

Write the number. Fill in that many on the ten frames.

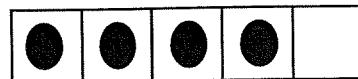


### Sums of 5

Complete the Five Frame.  
Write the equation to match.



2 + \_\_\_\_\_ = 5



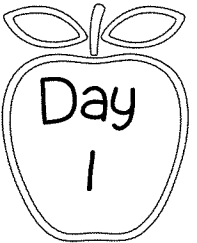
4 + \_\_\_\_\_ = 5

Name: \_\_\_\_\_

# Daily Language GRAMMAR

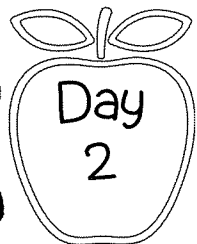
## Unit Week

**Directions:** Use the editing marks to fix the sentence and then rewrite the sentence the correct way.



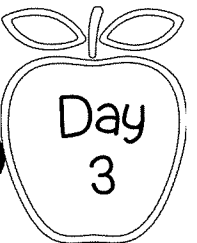
I goe to school. I like mi teacher. Her name iz Miss.Fraley.

\_\_\_\_\_  
\_\_\_\_\_



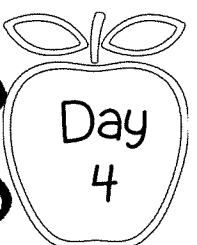
deanna walks her dog everyday. Pets make good companions Do you have a pet

\_\_\_\_\_  
\_\_\_\_\_



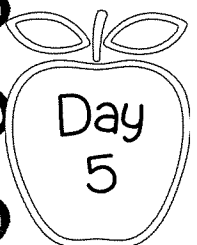
what happened to the box of markers. Sue wrote her name in red?

\_\_\_\_\_  
\_\_\_\_\_



what time does the museum open. i am going to go with my friend

\_\_\_\_\_  
\_\_\_\_\_



is Carol going to the parade. There are many fun things to do at the fair

\_\_\_\_\_  
\_\_\_\_\_

### Snowball Fight

Sidney dodged the white fluff ball flying toward her. She grabbed a handful of cold white snow and formed a ball bigger than both her hands. She took aim and heaved it at her brother, Zane.

“Ouch!” Yelled Zane.

“Baby.” Cried Sidney.

“I’m not a baby,” Zane told Sidney. “You hurt me. I bet I have a bruise tomorrow.”

Zane stomped in the direction of their house.

“Zane, wait. I’m sorry. Don’t tell dad!”

Zane didn’t reply, he kept stomping.

“I’m sorry, Zane. Let’s go sledding.” Sidney promised.

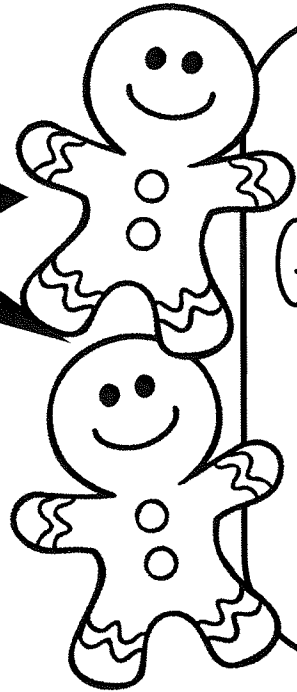
Zane loved to sled. He turned around, “Okay Sid, but I’m going first.”

1. Sidney doesn’t want Zane to go to the house because –
  - a. She doesn’t want to get in trouble.
  - b. She wants to go sledding.
  - c. She doesn’t want him to call the police.
  
2. The author uses the word heaved to explain –
  - a. How fluffy the snowball is.
  - b. How strong Sidney is.
  - c. How heavy the snowball is.





Buy one  
Get one  
free



1 Dozen  
Gingerbread Man  
Cookies  
\$2.99

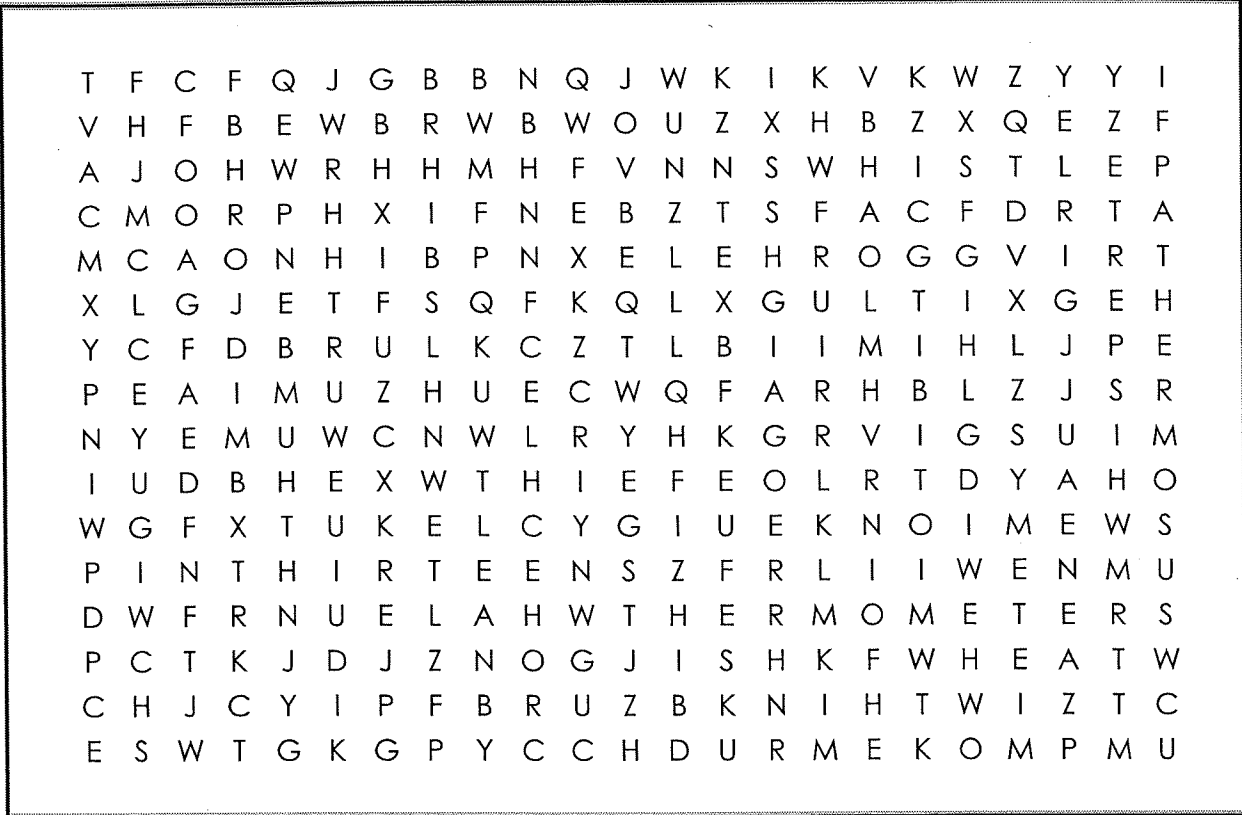
1. The author is trying to –
  - a. Persuade the reader to buy cookies.
  - b. Persuade the reader to make cookies.
  - c. Inform the reader how much cookies cost.
  
2. Why does the author include the picture?
  - a. To explain the size of the cookies.
  - b. To show how to decorate the cookies.
  - c. To show the reader what the cookie looks like.



Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Jan. 12 Group 1



Find the following words in the puzzle.  
Words are hidden and .

THERMOMETER  
THERMOS  
THIEF  
THINK  
THIRTEEN  
THORN

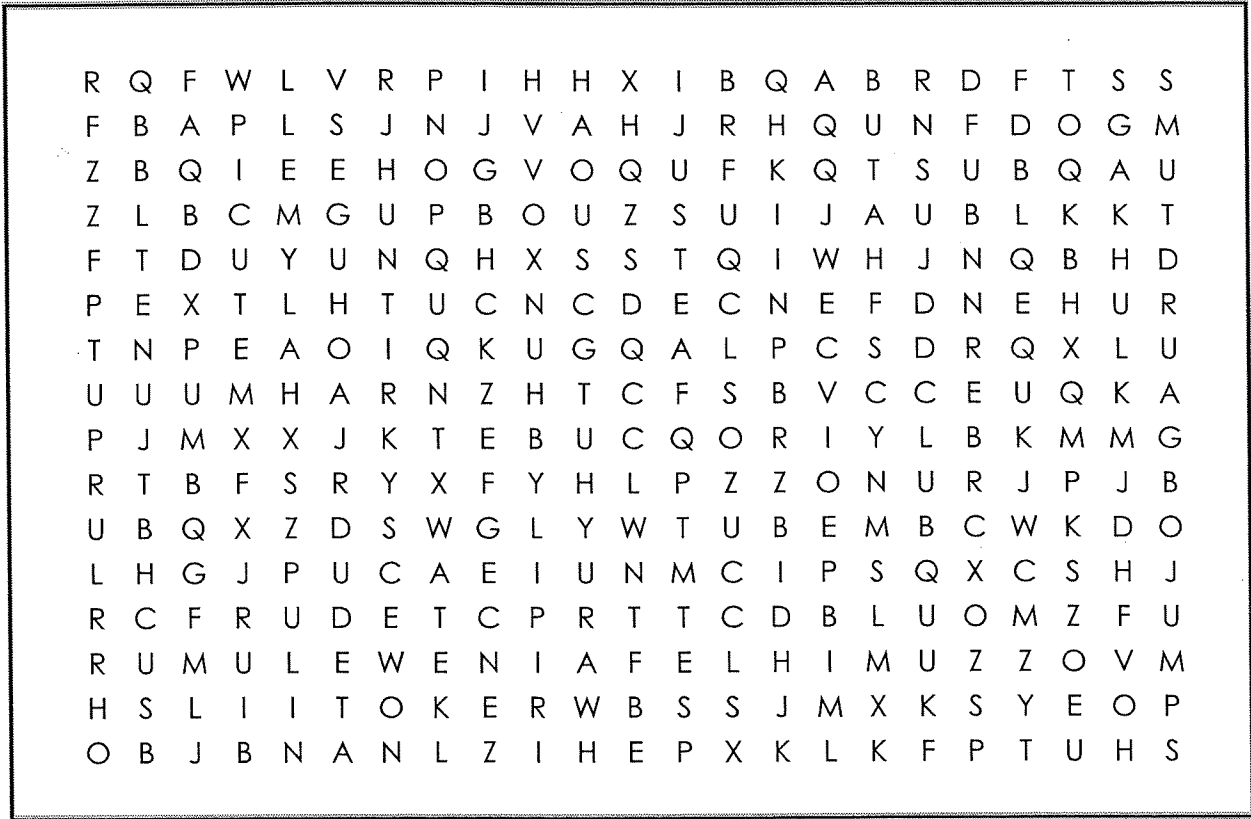
THUMB  
WHALE  
WHEAT  
WHEEL  
WHEELBARROW  
WHIP

WHISKER  
WHISPER  
WHISTLE

Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Jan. 12 Group 2



Find the following words in the puzzle.  
Words are hidden and .

BUS  
CLUB  
CUBE  
CUP  
CUT  
CUTE  
DRUM  
FLUTE

HUGE  
HUNT  
JUMP  
JUNE  
JUST  
MULE  
PLUS  
PUT

RUDE  
SHUT  
SUCH  
TUBE  
TUNE  
USE

Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Jan. 12 Group 3A



Find the following words in the puzzle.  
Words are hidden and .

ADD  
ALLIGATOR  
ANT  
APPLE  
ASTRONAUT  
AX  
ED  
EGG

ESKIMO  
ETCH A SKETCH  
ICK  
IGLOO  
ILL  
IN  
ITCH  
OCTOPUS

OLIVE  
OSTRICH  
OTTER  
OX  
UMBRELLA  
UNDERWATER  
UP  
UPSIDE

Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Jan. 12 Group 3B

S	D	H	U	N	S	N	K	H	M	S	H	P	S	S	E	Q	V
Z	D	O	G	V	X	J	Y	N	P	Q	H	S	V	E	N	I	O
J	O	G	G	R	U	R	R	N	U	K	F	R	O	G	P	H	X
X	I	K	C	X	N	T	H	H	Q	H	E	R	U	N	L	Y	C
Z	F	Q	X	Q	L	N	P	P	B	T	F	H	S	R	I	A	O
I	P	T	O	P	O	A	R	Z	N	Y	H	X	W	J	U	L	T
C	L	V	H	Z	G	N	D	O	A	I	O	O	G	T	M	P	U
N	C	X	J	O	N	R	G	G	S	L	P	X	Y	Y	A	O	S
H	F	V	V	S	T	J	E	N	O	P	J	X	T	M	Y	T	P
G	X	G	P	O	P	X	C	N	Q	D	O	T	Z	F	M	O	L
M	P	N	N	U	B	D	P	W	C	C	D	G	O	R	Y	E	K
G	U	J	W	T	M	Q	J	P	X	I	Z	F	U	M	Q	C	Q

Find the following words in the puzzle.  
Words are hidden → ↓ and ↘ .

COT  
DOG  
DOT  
FROG  
HOP

HOT  
JOG  
LOG  
MOP  
POP






POT  
TOP

Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Jan. 12 Group 3B

T	Q	N	E	P	O	R	I	K	N	S	H	W	T	D	Z	C	F	V	M	P	O	M
G	Z	I	V	N	Q	S	F	E	W	O	D	Z	O	F	K	O	O	T	K	S	Q	N
F	T	H	A	T	H	R	U	N	C	E	T	H	A	K	M	I	F	T	B	P	Y	J
E	Y	Y	P	T	O	L	L	O	G	L	D	F	Y	Q	X	L	Z	D	Y	L	O	C
S	H	D	O	S	S	E	I	T	G	K	D	E	R	X	Z	Z	C	I	G	Y	B	T
W	V	O	T	B	R	J	W	Q	R	J	Z	K	S	U	K	N	G	S	U	Z	J	J
Y	Z	T	T	M	H	M	K	P	I	E	L	K	K	M	B	D	B	S	P	T	R	S
N	N	O	P	E	X	P	K	R	U	G	R	R	N	N	P	U	A	Q	I	T	Y	Q
E	M	D	K	X	Y	W	G	P	X	N	I	N	U	E	Y	U	G	J	T	P	A	B
N	U	Q	X	Q	A	U	R	P	M	S	Z	P	Y	Y	Z	Z	F	S	D	O	G	X
F	S	C	B	G	R	O	V	I	Y	T	F	O	E	Y	K	R	Y	V	P	B	B	E
T	K	M	S	T	P	I	P	Y	X	D	R	H	K	C	E	J	P	X	I	E	T	G
X	R	Z	V	P	Z	E	H	Y	U	M	O	H	W	A	T	D	O	H	T	G	H	U
W	C	J	O	G	D	Y	I	Z	T	F	G	H	L	N	C	O	P	K	D	O	R	N
W	U	Z	L	U	Q	I	I	C	E	D	Q	A	A	I	U	N	R	D	X	Q	I	H
L	Q	B	G	G	R	J	U	H	D	N	U	K	S	Q	P	U	P	K	S	H	P	Q

Find the following words in the puzzle.  
Words are hidden     and .

COT  
DOG  
DOT  
FROG  
HOP

HOT  
JOG  
LOG  
MOP  
POP

POT  
TOP

Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Jan. 12 Group 4



Find the following words in the puzzle.  
Words are hidden and .

ACTED  
CHEWED  
CLOSED  
DROPPED  
GRABBED  
HELPED  
HOPED  
HOPPED

JOINED  
LIVED  
MIXED  
NAMED  
NODDED  
PASSED  
PLANNED  
SAVED

SCORED  
SEEMED  
SHOUTED  
STARTED  
STEPPED  
STIRRED  
WAITED  
WANTED



# What Is Heat?



# HEAT LAB 1

Name: \_\_\_\_\_

## Activity #1

1. Fill the three cups half-full with hot, warm, and cold water.
2. Place a drop of food coloring in each cup.
3. Observe for several minutes.

What do you notice? \_\_\_\_\_

What can you conclude about heat? \_\_\_\_\_

## Activity #2

Rub your hands together quickly and firmly. What do you feel? \_\_\_\_\_

What form of energy converted into heat? \_\_\_\_\_

Leave a flashlight on for a while. Touch the part of the flashlight where the light comes out. What do you feel? \_\_\_\_\_

What form of energy converted to heat? \_\_\_\_\_

## Making Generalizations

What is heat energy? \_\_\_\_\_

Where does it come from? \_\_\_\_\_

Friday January 14

**Bell Work (attached)**

- Must Do job: word problem
- 
- Can Do job: finish colour page from yesterday and peruse January book orders

**Math**

- Review simple multiplication sentences and vocabulary (factor, multiple, multiply, product)
- Practice multiplication facts with *Find the Facts* puzzle pages (attached)

**Word Sort**

- Do your word sort a handful of time and read over words aloud
- Complete a vowel-consonant write
  - Write out all your words with consonant letters in red and vowel letters in blue

**Library**

- Switch out the book you are reading; can explore audiobooks here: [Promo \(getepic.com\)](#) (free account as a parent) OR
- Continue reading *The One & Only Ivan*
  - [\[PDF\] The One and Only Ivan Book by Katherine Applegate \(2012\) Read Online or Free Download \(booksbooks.com\)](#)

**Art**

- Reviewed mandalas and radial symmetry and how they're connected
- Go outside and create your own mandalas from materials you find outside! (take a picture to share your creation)

**Science**

- Review lab 1 concept
- Complete Lab 2 - *How Does Heat Travel?* (attached)
  - Concept: Heat travels from warmer objects to cool objects.

# Daily Word Problems

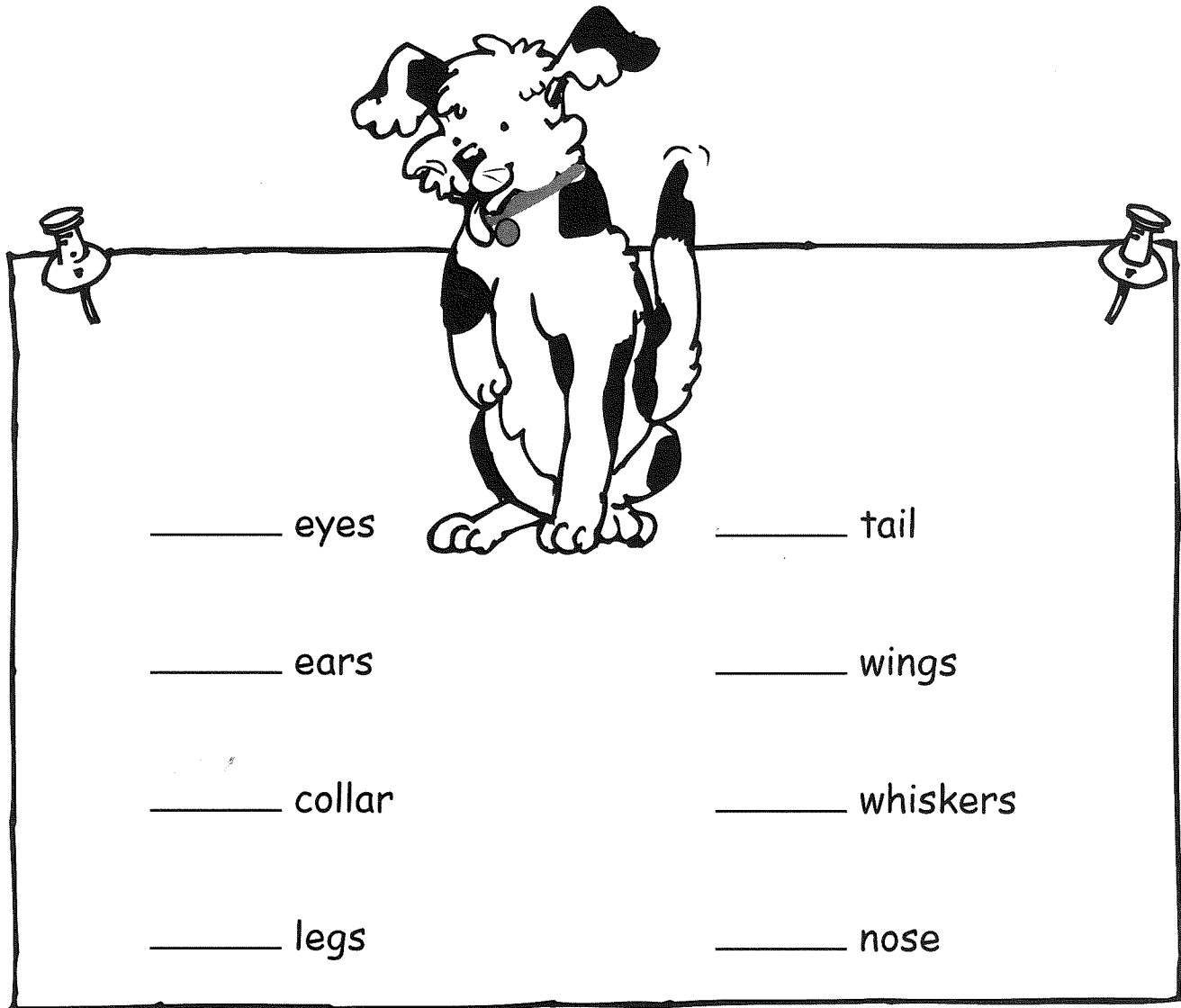
Friday-Week 1

Name: \_\_\_\_\_

## Puppy



Fill in the missing numbers on the chart.



\_\_\_\_\_ eyes                      \_\_\_\_\_ tail

\_\_\_\_\_ ears                      \_\_\_\_\_ wings

\_\_\_\_\_ collar                      \_\_\_\_\_ whiskers

\_\_\_\_\_ legs                      \_\_\_\_\_ nose

1. How many legs would two dogs have?

\_\_\_\_\_ legs

2. How many ears would two dogs have?

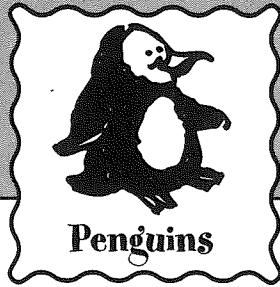
\_\_\_\_\_ ears

3. How many wings would five dogs have?

\_\_\_\_\_ wings

# Daily Word Problems

Monday-Week 2



There were 5 penguins walking across the ice. There were 6 penguins sliding into the water.

How many penguins were there in all?

Name:

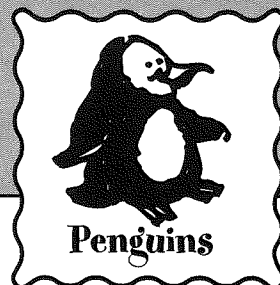
Work Space:

Answer:

\_\_\_\_\_ penguins

# Daily Word Problems

Tuesday-Week 2



A penguin swam after a school of fish. There were 12 fish in the school. The penguin ate 7 of the fish.

How many fish were left?

Name:

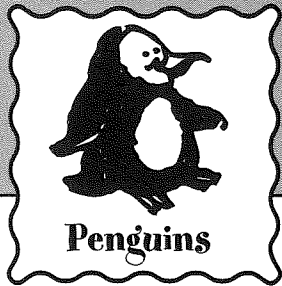
Work Space:

Answer:

\_\_\_\_\_ fish

# Daily Word Problems

Wednesday-Week 2



There were three penguins.  
The first penguin ate 3 fish.  
The next penguin ate 5 fish.  
The last penguin ate 4 fish.

How many fish did they eat  
in all?

Name:

Work Space:

Answer:

\_\_\_\_\_ fish

# Daily Word Problems

Thursday-Week 2



Mike saw six penguins at the  
zoo.  $\frac{1}{2}$  of the penguins were  
in the water.

How many penguins were  
not in the water?

Name:

Work Space:

Answer:

\_\_\_\_\_ penguins

# Multiplication: Find the Facts

Directions: Can you find all the 2s facts in the equation search? Solve the problems below and then find the facts in the equation search.

2	4	8	5	6	10	7	9	2	2
8	12	4	7	2	9	6	3	5	8
3	5	2	12	24	2	6	8	6	16
18	2	12	8	6	15	22	3	9	1
22	11	2	6	12	2	5	4	12	16
4	8	19	20	1	9	18	7	11	2
9	24	8	3	7	12	10	6	2	16
16	8	14	7	2	9	22	4	5	20
3	9	2	18	8	10	5	2	18	14
8	12	4	5	6	8	20	9	2	7

$2 \times 2 =$

$2 \times 5 =$

$2 \times 8 =$

$2 \times 11 =$

$2 \times 3 =$

$2 \times 6 =$

$2 \times 9 =$

$2 \times 12 =$

$2 \times 4 =$

$2 \times 7 =$

$2 \times 10 =$

# Multiplication: Find the Facts

Directions: Can you find all the 3s facts in the equation search? Solve the problems below and then find the facts in the equation search.

2	7	8	30	6	10	9	15	6	3
8	9	36	7	18	3	6	2	5	12
3	5	27	12	24	9	3	2	12	20
18	2	12	8	6	15	7	24	9	1
33	21	3	18	14	4	21	6	12	16
11	8	19	30	10	3	18	7	11	3
3	24	8	15	3	12	10	6	2	16
12	8	6	27	9	3	24	3	5	15
3	9	2	12	8	10	9	2	18	14
36	12	3	18	6	8	30	8	2	7

$3 \times 2 =$

$3 \times 5 =$

$3 \times 8 =$

$3 \times 11 =$

$3 \times 3 =$

$3 \times 6 =$

$3 \times 9 =$

$3 \times 12 =$

$3 \times 4 =$

$3 \times 7 =$

$3 \times 10 =$

# Multiplication: Find the Facts

Directions: Can you find all the 4s facts in the equation search? Solve the problems below and then find the facts in the equation search.

6	4	12	40	6	20	7	16	44	8
8	9	28	3	32	3	8	2	4	24
3	4	28	7	8	9	3	4	12	10
16	2	12	8	4	15	16	36	9	8
36	8	3	44	11	4	20	3	12	48
14	8	9	32	8	3	18	5	11	6
4	24	8	16	2	12	40	10	4	16
12	8	6	27	4	6	24	4	3	12
44	7	32	12	8	48	9	24	18	14
36	9	4	16	6	8	30	48	4	12

$4 \times 2 =$

$4 \times 5 =$

$4 \times 8 =$

$4 \times 11 =$

$4 \times 3 =$

$4 \times 6 =$

$4 \times 9 =$

$4 \times 12 =$

$4 \times 4 =$

$4 \times 7 =$

$4 \times 10 =$



# Multiplication: Find the Facts

Directions: Can you find all the 5s facts in the equation search? Solve the problems below and then find the facts in the equation search.

6	5	12	50	6	10	7	16	25	3
25	9	30	3	32	6	8	5	5	15
7	10	12	9	8	35	1	4	5	40
16	2	12	8	4	15	16	36	15	8
35	7	5	55	10	3	20	4	5	5
10	12	9	35	5	3	15	5	20	2
5	25	11	15	9	11	30	10	8	10
9	7	60	12	5	6	20	4	3	12
45	7	35	6	5	45	9	35	18	15
35	9	4	15	5	10	50	60	4	10

$5 \times 2 =$

$5 \times 5 =$

$5 \times 8 =$

$5 \times 11 =$

$5 \times 3 =$

$5 \times 6 =$

$5 \times 9 =$

$5 \times 12 =$

$5 \times 4 =$

$5 \times 7 =$

$5 \times 10 =$

# Multiplication: Find the Facts

Directions: Can you find all the 6s facts in the equation search? Solve the problems below and then find the facts in the equation search.

6	5	12	60	3	6	5	12	24	7
36	8	42	3	12	6	2	54	7	66
9	18	12	6	60	36	12	9	5	72
18	42	6	11	66	18	42	5	66	4
36	7	6	54	10	3	60	18	6	3
30	18	3	7	6	42	72	4	48	2
6	24	4	6	7	54	30	12	8	60
9	2	60	42	7	3	10	8	6	10
54	7	30	5	6	42	9	35	9	6
36	9	4	18	5	10	40	8	4	10

$6 \times 2 =$

$6 \times 5 =$

$6 \times 8 =$

$6 \times 11 =$

$6 \times 3 =$

$6 \times 6 =$

$6 \times 9 =$

$6 \times 12 =$

$6 \times 4 =$

$6 \times 7 =$

$6 \times 10 =$

# Multiplication: Find the Facts

Directions: Can you find all the 7s facts in the equation search? Solve the problems below and then find the facts in the equation search.

7	2	14	70	3	6	8	14	21	9
35	4	42	9	21	7	5	56	7	84
49	14	8	84	28	7	21	8	77	70
28	9	12	14	77	4	42	7	56	4
35	7	6	56	10	5	63	35	7	9
70	14	5	7	3	49	9	4	11	2
7	28	4	7	2	56	7	12	77	35
9	2	70	49	7	4	7	3	1	14
56	9	49	3	7	10	8	35	9	7
35	7	5	14	3	21	70	7	6	42

$7 \times 2 =$

$7 \times 5 =$

$7 \times 8 =$

$7 \times 11 =$

$7 \times 3 =$

$7 \times 6 =$

$7 \times 9 =$

$7 \times 12 =$

$7 \times 4 =$

$7 \times 7 =$

$7 \times 10 =$

# Multiplication: Find the Facts

Directions: Can you find all the 8s facts in the equation search? Solve the problems below and then find the facts in the equation search.

8	2	16	64	3	6	8	24	21	7
32	6	48	9	24	8	5	72	7	80
48	6	8	88	96	7	24	9	8	9
24	9	12	16	32	4	40	8	56	6
32	10	6	40	5	8	64	32	8	9
80	1	12	7	3	8	9	24	11	2
7	32	8	7	5	64	7	12	88	56
9	7	8	10	80	4	8	3	1	12
56	9	48	11	5	96	12	32	7	2
8	40	5	16	9	24	80	8	4	32

$8 \times 2 =$

$8 \times 5 =$

$8 \times 8 =$

$8 \times 11 =$

$8 \times 3 =$

$8 \times 6 =$

$8 \times 9 =$

$8 \times 12 =$

$8 \times 4 =$

$8 \times 7 =$

$8 \times 10 =$

# Multiplication: Find the Facts

Directions: Can you find all the 9s facts in the equation search? Solve the problems below and then find the facts in the equation search.

9	2	18	36	3	7	4	27	12	9
36	5	63	9	45	9	5	90	7	99
54	6	9	99	7	11	27	10	1	5
7	9	11	18	72	54	9	9	45	6
36	12	6	9	9	3	63	99	1	9
9	108	12	8	7	4	9	27	11	6
7	36	9	12	5	63	36	12	9	54
9	7	8	18	90	3	8	7	3	12
54	9	72	1	45	5	9	36	8	1
8	3	5	18	9	27	81	9	9	36

$9 \times 2 =$

$9 \times 5 =$

$9 \times 8 =$

$9 \times 11 =$

$9 \times 3 =$

$9 \times 6 =$

$9 \times 9 =$

$9 \times 12 =$

$9 \times 4 =$

$9 \times 7 =$

$9 \times 10 =$

# Multiplication: Find the Facts

Directions: Can you find all the 10s facts in the equation search? Solve the problems below and then find the facts in the equation search.

10 2 1 10 3 7 4 120 12 10  
40 5 60 9 40 9 2 90 11 90  
10 3 30 90 1 10 20 50 1 7  
80 8 10 30 70 50 6 2 4 6  
30 1 5 6 20 3 60 6 10 9  
6 110 40 3 100 1 70 20 120 6  
7 30 9 4 10 7 30 12 2 50  
9 7 8 60 10 3 8 7 3 10  
50 9 70 4 40 5 9 70 8 1  
120 2 3 10 5 50 80 10 11 110

$10 \times 2 =$

$10 \times 5 =$

$10 \times 8 =$

$10 \times 11 =$

$10 \times 3 =$

$10 \times 6 =$

$10 \times 9 =$

$10 \times 12 =$

$10 \times 4 =$

$10 \times 7 =$

$10 \times 10 =$

# Multiplication: Find the Facts

Directions: Can you find all the 11s facts in the equation search? Solve the problems below and then find the facts in the equation search.

11 3 1 22 3 7 44 12 33 10  
44 5 60 9 44 9 2 9 11 99  
10 3 33 99 1 121 22 55 6 7  
88 8 9 30 11 10 110 2 66 6  
33 11 3 6 22 3 66 6 10 11  
6 132 40 3 66 9 70 20 11 6  
7 33 22 2 11 5 55 121 2 55  
9 11 8 88 10 7 6 7 9 11  
55 9 70 4 40 5 77 70 8 12  
121 2 3 11 4 44 88 10 11 132

$11 \times 2 =$

$11 \times 5 =$

$11 \times 8 =$

$11 \times 11 =$

$11 \times 3 =$

$11 \times 6 =$

$11 \times 9 =$

$11 \times 12 =$

$11 \times 4 =$

$11 \times 7 =$

$11 \times 10 =$

# Multiplication: Find the Facts

Directions: Can you find all the 12s facts in the equation search? Solve the problems below and then find the facts in the equation search.

12	3	1	84	3	7	48	12	36	6
72	5	60	9	48	4	12	9	11	96
10	3	108	96	1	12	5	60	12	8
8	24	12	36	72	1	96	9	48	12
36	11	3	6	24	3	108	6	12	10
6	120	60	3	72	8	7	24	11	3
7	36	3	12	12	5	84	108	2	55
5	12	7	144	10	7	12	11	132	12
4	7	24	3	12	5	84	70	8	12
120	10	12	11	4	84	96	10	11	144

$12 \times 2 =$

$12 \times 5 =$

$12 \times 8 =$

$12 \times 11 =$

$12 \times 3 =$

$12 \times 6 =$

$12 \times 9 =$

$12 \times 12 =$

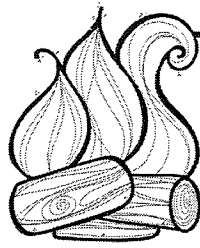
$12 \times 4 =$

$12 \times 7 =$

$12 \times 10 =$



# How Does Heat Travel?



## HEAT LAB 2

Name: \_\_\_\_\_

### Activity #1

Which is warmer, your hand or the ice cube? \_\_\_\_\_

Place the ice cube in your hand. Hold it for 30 seconds (or as long as you can). In which direction is the heat moving? \_\_\_\_\_

### Activity #2

Which is warmer, your hand or the cup of warm water? \_\_\_\_\_

Hold the cup of warm water in your hand for 30 seconds. In which direction is the heat moving? \_\_\_\_\_

### Activity #3

Which is warmer, your hand or your cheek? \_\_\_\_\_

Hold your hand to your cheek for 30 seconds. In which direction is the heat moving? \_\_\_\_\_

### Making Generalizations

Choose the correct statement:

Heat moves from cooler objects to warmer objects.

Heat moves from warmer objects to cooler objects.