NTI DAY 26

Harrison County Schools

Name: _____

Grade: __3rd__

Teacher: _____

Complete within 2 weeks of returning to school.

NTI 26
Reading Directions

1. Read Dog-of-the-Sea-Waves with your student.

2. Have your student cut and paste the vocabulary onto the provided pages, and match the words to the definitions.

Check out Harrison County's 3rd Grade blog to help your understanding of content on the NTI packet.

Lesson 24

Vocabulary in Context

TARGET VOCABULARY

voyage
lava
rippled
arrival
guided
twisted
aboard
anchor
spotted
bay

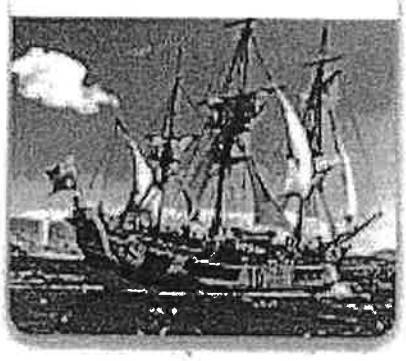
Vocabulary Reader

Context Cards

COMMON CORE L.3.6 Acquire and use [grade-level] conversational, general academic, and domain-specific words and phrases.

1 voyage

The explorer's voyage, or ocean trip, to Hawaii took more than a year.



2 lava

Hawaii's islands formed from lava, or hot melted rock from volcanoes.

3 rippled

This lava in Hawaii rippled into tiny black waves as it cooled.

4 arrival

When visitors first come to Hawaii, their arrival is welcomed.

- Study each Context Card.
- Tell a story about two or more pictures, using the Vocabulary words.

5 guided

This man guided, or led, tourists through a park in Hawaii.

6 twisted

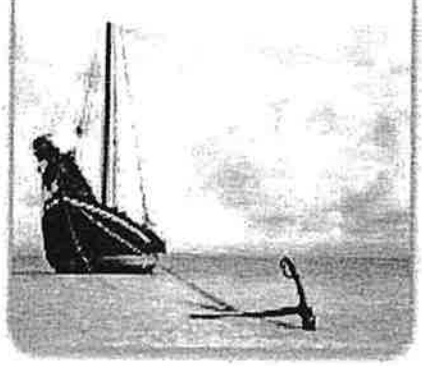
These girls twisted wire around flowers to attach them to crowns.

7 aboard

Each racing canoe has six people aboard. They are seated in the boat.

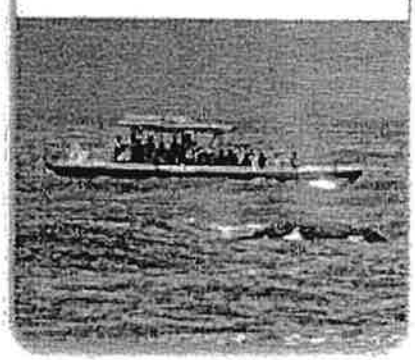
8 anchor

A heavy anchor holds this boat in place when the boat is stopped.



9 spotted

The tourists spotted, or caught sight of, whales in the ocean near Hawaii.



10 bay

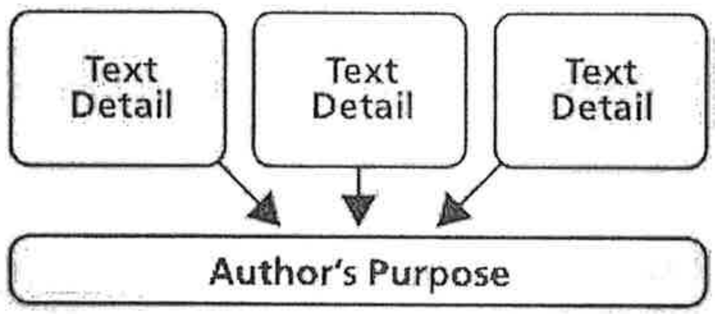
People can swim, snorkel, or sail in the gentle waters of this bay, or inlet.

Read and Comprehend

GO Digital

TARGET SKILL

Author's Purpose As you read *Dog-of-the-Sea-Waves,* think about how the author describes Hawaii. Write details and text evidence in a chart like the one below. Then use the information to help you figure out the **author's purpose,** or reason, for writing the story.



TARGET STRATEGY

Question As you read, ask yourself **questions** about the text if there is something that you do not understand. Use text evidence to help you answer your questions.

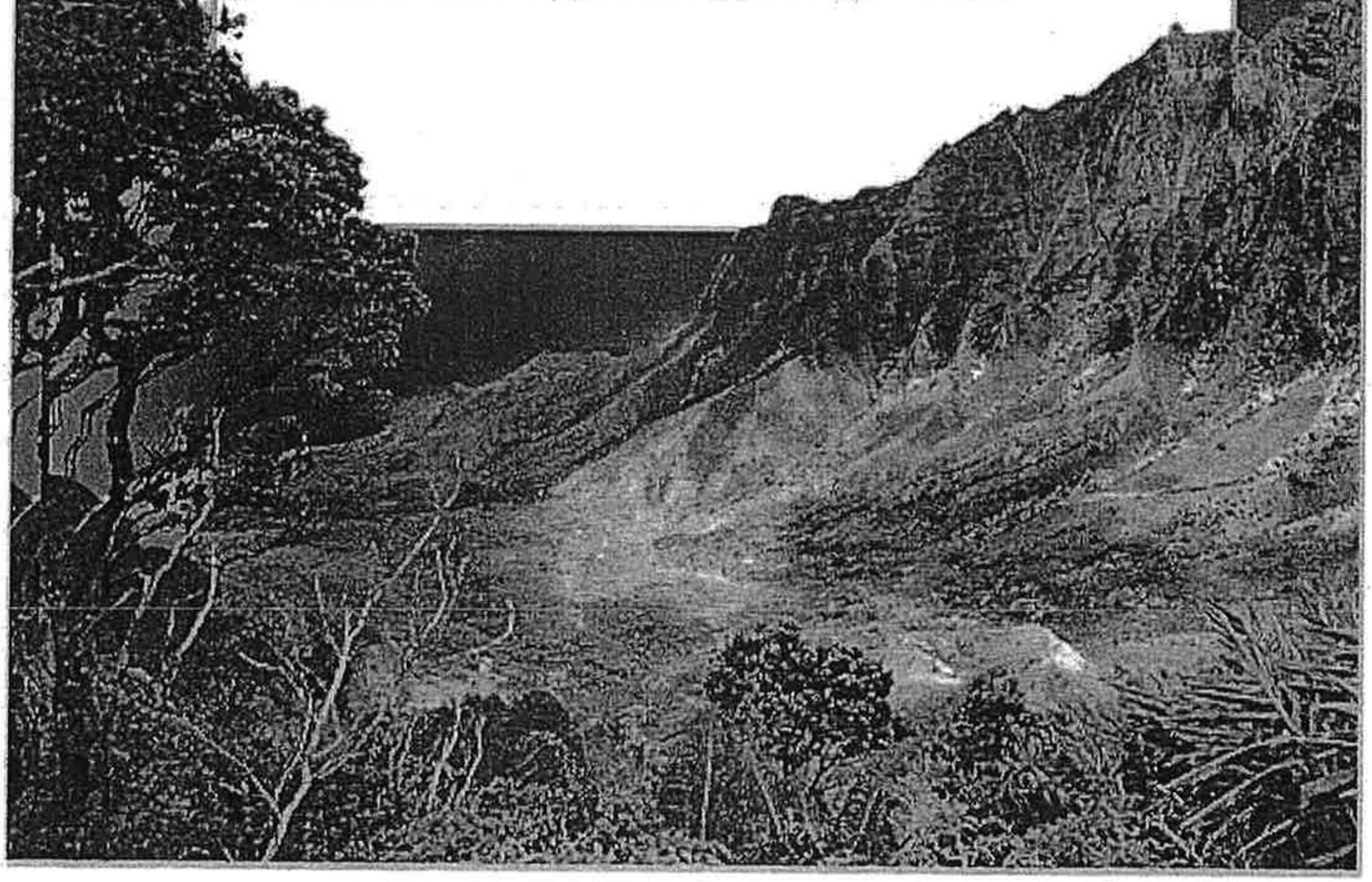
COMMON CORE RL.3.1 ask and answer questions to demonstrate understanding, referring to the text

PREVIEW THE TOPIC

Volcanoes

The Hawaiian Islands are lush, green, and beautiful. It is hard to believe that they were formed from red-hot bubbling rock rising from deep inside the earth. When the melted rock cooled, it hardened into land and formed islands. Plants such as palms and animals such as seals found their way to the islands. Eventually, people did, too.

In *Dog-of-the-Sea-Waves*, you'll read a story of five young men who explored these volcanic islands long ago. You'll find out what happens when one of the volcanoes wakens from its rest.

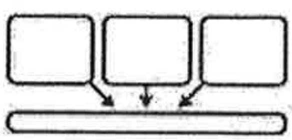


Lesson 24

ANCHOR TEXT

TARGET SKILL

Author's Purpose Use text details to figure out why an author writes a selection.



GENRE

Realistic fiction is a story that could happen in real life. As you read, look for:

- realistic characters and events
- a plot with a beginning, a middle, and an ending
- details that help the reader picture the setting

COMMON CORE RL.3.1 ask and answer questions to demonstrate understanding, referring to the text; RL.3.7 explain how illustrations contribute to the words; RL.3.10 read and comprehend literature

MEET THE AUTHOR AND ILLUSTRATOR

James Rumford

A longtime resident of Hawaii, James Rumford hopes his readers will learn *aloha 'āina*, or "to cherish these islands," as much as he does. Scattered throughout the pages of *Dog-of-the-Sea-Waves* are drawings of plants and animals that are found in Hawaii. Many of them are at risk of dying out. Rumford included these to show that Hawaii's natural beauty needs our protection.

Go Digital

Vocabulary Match Lesson 24

Vocabulary Words

voyage	lava
guided	twisted
aboard	rippled
arrival	anchor
spotted	bay

Definitions to match to vocabulary

A heavy metal object, attached to a ship, that is dropped overboard to keep the ship in place	The act of reaching a place
A part of the sea that cuts into the land	On, onto, or inside a vehicle, such as a ship, train, or bus
To show the way to	Melted rock that flows from a volcano
To see, find, or locate	To wind together to form a single strand
To form or cause to form small waves	A long journey made on a ship, aircraft, or spacecraft

* Glue vocab words and definitions on this page.

Name _____

Solve

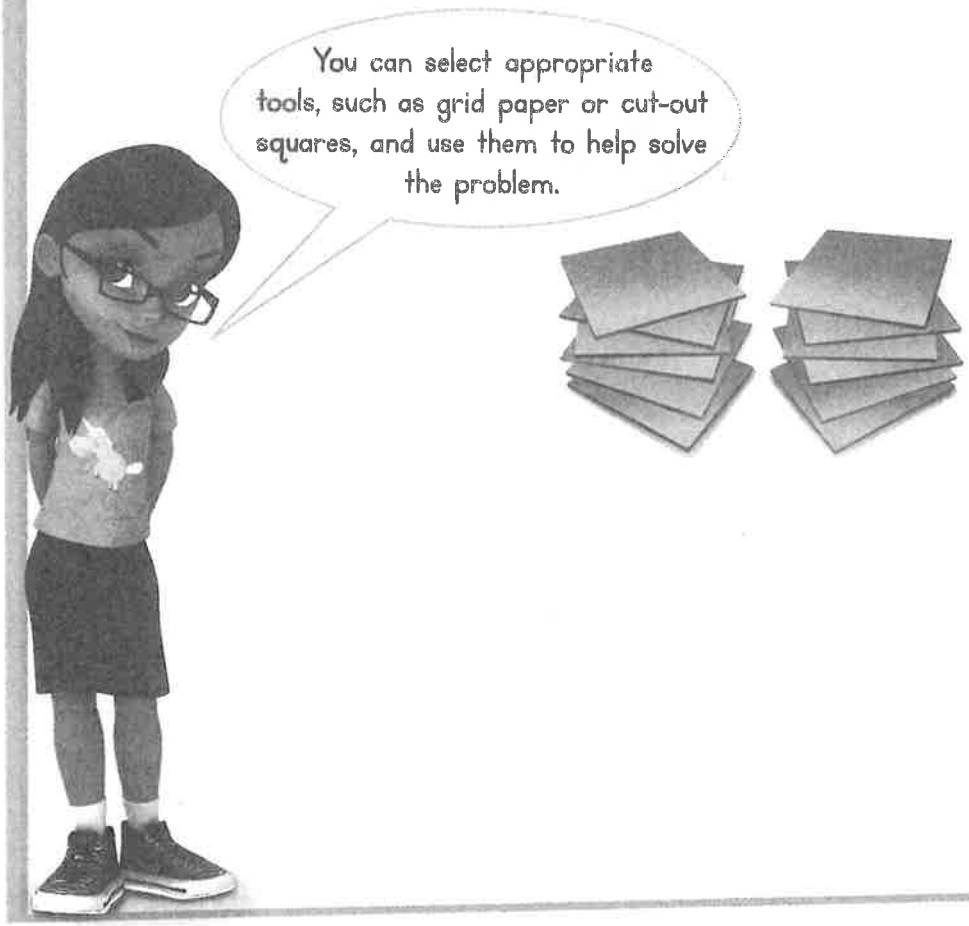
Lesson 16-5
Same Area, Different Perimeter

I can ...
understand the relationship of shapes with the same area and different perimeters.

Content Standards 3.MD.D.8, 3.MD.C.7b
Mathematical Practices MP.1, MP.2, MP.3, MP.4, MP.5, MP.7, MP.8

Solve & Share

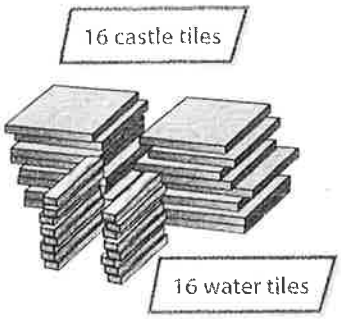
Jessica has 12 square tiles that she wants to use to make rectangles. Find 3 rectangles she can make using all of the squares. Include the area and perimeter of each rectangle. Then compare the areas and perimeters. ***Solve this problem any way you choose.***



Look Back! **MP.8 Generalize** How does the shape of each of the rectangles affect the perimeter?

Essential Question: Can Rectangles Have the Same Areas but Different Perimeters?

In a video game, you have 16 castle tiles to make a rectangular castle, and 16 water tiles for a moat. How can you completely surround the castle with water?



Make rectangles that have an area of 16 square units. Find the perimeter of each rectangle.

Find the area:
$A = 1 \times 16$
$= 16$ square units

Find the perimeter:
$P = (2 \times 16) + (2 \times 1)$
$= 32 + 2$
$= 34$ units

Find the area:
$A = 2 \times 8$
$= 16$ square units

Find the perimeter:
$P = (2 \times 8) + (2 \times 2)$
$= 16 + 4$
$= 20$ units

Find the area:
$A = 4 \times 4$
$= 16$ square units

Find the perimeter:
$P = (2 \times 4) + (2 \times 4)$
$= 8 + 8$
$= 16$ units

Only the 4×4 castle can be surrounded by 16 water tiles.

Convince Me! **MP.3 Critique Reasoning** Izzie says that if the number of castle tiles increases to 25, it is possible to use exactly 25 water tiles to surround the castle. Do you agree or disagree? Why?

Name _____

Practice Buddy | Tools | Assessment

Guided Practice*

Do You Understand?

1. **MP.8 Generalize** In the example on page 872, what do you notice about the perimeter of the rectangles as the shape becomes more like a square?

2. **MP.7 Use Structure** In Round 2 of the video puzzle game, you have 24 castle tiles. What is the least number of water tiles you will need to surround your castle?

Do You Know How?

In **3–6**, use grid paper to draw two different rectangles with the given area. Tell the dimensions and perimeter of each rectangle, and tell which one has the smaller perimeter.

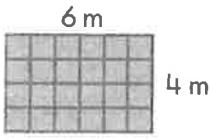
3. 6 square feet
4. 36 square yards
5. 64 square meters
6. 80 square inches

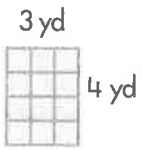
Independent Practice

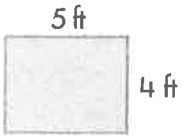
In **7–10**, use grid paper to draw two different rectangles with the given area. Tell the dimensions and perimeter of each rectangle. Circle the one that has the smaller perimeter.

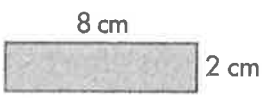
7. 9 square inches
8. 18 square feet
9. 30 square meters
10. 32 square centimeters

Leveled Practice In **11–14**, describe a different rectangle with the same area as the one shown. Then tell which rectangle has the smaller perimeter.

11. 

12. 

13. 

14. 

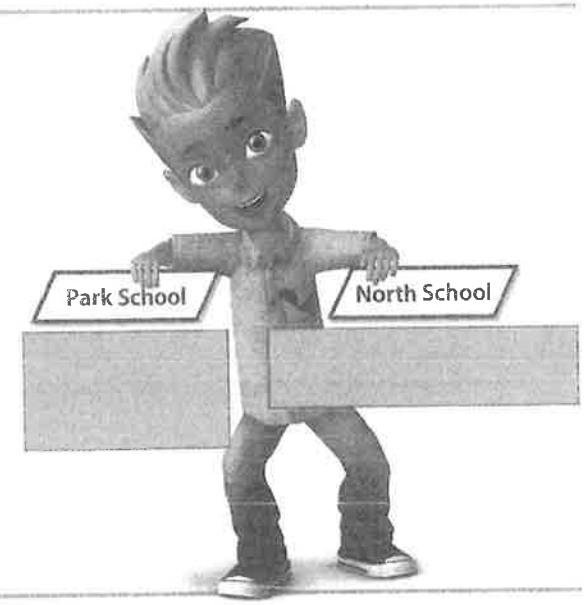
*For another example, see Set C on page 886.

Math Practices and Problem Solving

15. **MP.1 Make Sense and Persevere** Sue bought 2 sweaters for $18 each and mittens for $11. About how much money did she spend? About how much will she get in change if she pays with 3 twenty-dollar bills?

16. **MP.2 Reasoning** The perimeter of rectangle *P* is 12 feet. The perimeter of rectangle *A* is 18 feet. Both rectangles have the same area. Find the area and the dimensions of each rectangle.

17. **Higher Order Thinking** Park School and North School cover the same area. In physical education classes, each student runs one lap around the school. At which school do the students have to run farther? How do you know?

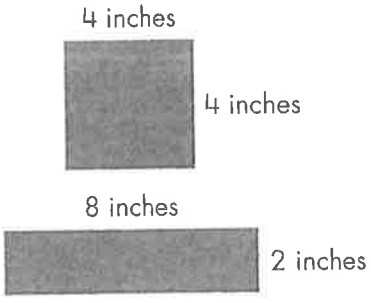


18. Ms. Fisher is using 64 carpet squares to make a reading area in her classroom. Each square measures 1 foot by 1 foot. She wants to arrange the 64 squares in a rectangular shape with the smallest possible perimeter. What dimensions should she use for her reading area?

19. **MP.7 Look for Relationships** Bella is putting down patches of sod to start a new lawn. She has 20 square yards of sod. Give the dimensions of two different rectangular regions that she can cover with the sod. What is the perimeter of each region?

Common Core Assessment

20. Which statement about the rectangles to the right is true?



Ⓐ They have the same dimensions.

Ⓑ They have the same number of rows.

Ⓒ They have the same perimeter.

Ⓓ They have the same area.

Name: _____ Date: _____

Break it Up: Distributive Property 1

The **distributive property** is a tool to make multiplication with larger numbers easier.

To use the distributive property:
Break one factor into two addends, multiply both addends by the other factor, and add together both products.

Break up the bigger number into two addends

16 x 5
(**10** + **6**) x 5
(**10** x 5) + (**6** x 5)
50 + **30** = **80**

16 x 5 = 80

Directions: *Fill in the blanks to solve each problem below using the distributive property.*

1. **8 x 9**

8 x (3 + 6)

(8 x _____) + (8 x _____)

_____ + _____

8 x 9 = _____

2. **12 x 3**

(_____ + 2) x 3

(_____ x 3) + (2 x 3)

_____ + _____

12 x 3 = _____

3. **4 x 13**

4 x (_____ + _____)

(4 x _____) + (4 x _____)

_____ + _____

4 x 13 = _____

4. **14 x 6**

(_____ + _____) x 6

(_____ x 6) + (_____ x 6)

_____ + _____

14 x 6 = _____

5. **3 x 16**

_____ x (_____ + _____)

(_____ x _____) + (_____ x _____)

_____ + _____

3 x 16 = _____

6. **17 x 5**

(_____ + _____) x _____

(_____ x _____) + (_____ x _____)

_____ + _____

17 x 5 = _____

PE/Health NTI Day 26

Instructions:

All Grades:

PE Fitness Calendar: Check off each day as you complete the task on the calendar. Do each task 3 times per day.

Spell Your Name Fitness: Use the worksheet designated for your grade level and spell your full name. Each letter has an exercise attached to it on the worksheet. Perform all the exercises for your name. Do 3 Names throughout the day (can be your name 3 times, parents/grandparents names, teachers name, siblings, babysitter, etc.).

Names used for Spell Your Name Fitness:

_____

_____

_____

Parent/Guardian signature:_____

Fit activity for kids

what's your name?

SPELL OUT YOUR FULL NAME AND COMPLETE THE ACTIVITY LISTED FOR EACH LETTER. FOR A GREATER CHALLENGE INCLUDE YOUR MIDDLE NAME & DO EACH ONE TWICE! FOR VARIETY YOU CAN USE A FAVORITE CHARACTER'S NAME OR A FAMILY MEMBER'S NAME.

A jump up & down 10 times

B spin around in a circle 5 times

C hop on one foot 5 times

D run to the nearest door and run back

E walk like a bear for a count of 5

F do 3 cartwheels

G do 10 jumping jacks

H hop like a frog 8 times

I balance on your left foot for a count of 10

J balance on your right foot for a count of 10

K march like a toy soldier for a count of 12

L pretend to jump rope for a count of 20

M do 3 somersaults

N pick up a ball without using your hands

O walk backwards 50 steps and skip back

P walk sideways 20 steps and hop back

Q crawl like a crab for a count of 10

R walk like a bear for a count of 5

S bend down and touch your toes 20 times

T pretend to pedal a bike with your hands for a count of 17

U roll a ball using only your head

V flap your arms like a bird 25 times

W pretend to ride a horse for a count of 15

X try and touch the clouds for a count of 15

Y walk on your knees for a count of 10

Z do 10 push-ups

SPELL YOUR NAME

AND GET MOVING!

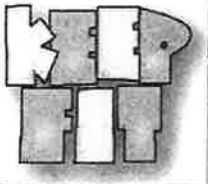
A: 10 BURPEES
B: 20 PUSH UPS
C: 35 JUMPING JACKS
D: 1 MINUTE PLANK
E: 20 SQUATS
F: 1 MINUTE WALL SIT
G: 20 BURPEES
H: 30 PUSH UPS
I: 20 ARM CIRCLES
J: 30 CRUNCHES
K: 25 SQUATS
L: 30 ARM CIRCLES
M: 45 SECOND PLANK
N: 1 5 PUSH UPS
O: 2 MINUTE WALL SIT
P: 25 JUMPING JACKS
Q: 15 BURPEES
R: 20 SQUATS
S: 30 CRUNCHES
T: 20 ARM CIRCLES
U: 1 MINUTE PLANK
V: 25 SQUATS
W: 20 PUSH UPS
X: 45 SECOND PLANK
Y: 30 JUMPING JACKS
Z: 20 ARM CIRCLES

Physical Education Fitness Calendar

Directions: Complete each fitness challenge for each day of the month. When you are finished, pass it in to your Physical Education teacher.

Note: if you miss a day, that's ok. Just make up that day on the next day. The idea is to do something active everyday!!!

April 2020

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Student Name: **Parent Signature:** **Classroom Teacher:**			1 Hold a push-ups position while saying the months of the year 3 times. 	2 Skip around the house while you sing the school song. 	3 Crab Walk from the kitchen to your bedroom (Even if it's up or down the stairs!) 	4 **Rest Day**
5 Get some cans of food and do arm curls while a family member or friend counts to 100. Use both arms! 	6 Keep your legs straight while you bend relaxed at the waist. Breathe in and out slowly making your hands reach for the floor. 	7 Do the butterfly stretch while saying out loud 10 words that begin with the letter "J". 	8 **Reach up off the floor 15 times.** 	9 **Do squats while watching 3 commercials on T.V.** 	10 **Rest Day**	11 Balance on one foot while a family member or friend sings the ABC song 3 times. 
12 Challenge a family member of friend to a "Mountain Climber To 50" Race. 	13 Pretend to hula hoop while saying the alphabet forwards then backwards. If you have a hula hoop, use it! 	14 **Dance to one of your favorite songs.** 	15 **Do 60 seconds of arm circles.** 	16 **Rest Day**	17 Grab one foot and stretch your thigh for 30 seconds. Repeat using the other leg. Then try it with your eyes closed. 	18 Hold a push-ups position while giving a high five to a family member or friend 25 times. 
19 Stand in front of a mirror and flex or move every muscle you can think of. 	20 Get some cans of food and do lunges while a family member or friend sings you THEIR favorite song. 	21 Spell your full name while you jump in the air for each letter. 	22 **Rest Day**	23 Reach and touch your toes while counting to 30. Go slow! Repeat 3 times. 	24 Do 50 side bends. While doing them sing your favorite song out loud. 	25 Challenge a family member or friend to a "jumping jack race to 50" contest. 
26 **Do 100 jumping Jacks.** 	27 With your back flat against the wall, do the Wall Sit for 60 seconds. 	28 **Rest Day**	29 Make up your own fitness challenge and draw it on the back of this paper.	30 **Pick One Of Your Favorite Days And Do It Again!!!**		Check off (✓) when you finish each day