## For Good weasure


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# Hours, Days, and Weeks 

Answer the questions by converting the units of time.
Remember, 1 day equals 24 hours and 1 week equals 7 days.

Grandma knitted a scarf for me in 2 weeks. How many days did it take her?


Mr. Waterstone wrote a letter to Ms. Jacobs. It took 4 weeks to arrive.
How many days did it take?

Tom rode a hot air balloon across the ocean. He was on the balloon for 3 days. How many hours was he on the balloon?

It took Mr. Carpenter a week and one day to fix the fence. How many hours did he spend fixing the fence?

Meg read a book in 3 weeks, 2 days, and 3 hours. How many hours did she spend reading the book?

## Time Flies!

Answer the questions about time.

Patricia and Barton ate brunch from 11:00 a.m.
to $12: 30$ p.m. How long were they eating brunch?


Jack went to the lake to go fishing at 9:45 a.m. and left the lake at 11:30 a.m. How long was he fishing?

Rich went for a 1 hour hike with his brother. They started at 1:15 p.m. What time did they finish their hike?


Seiler started his homework at 4:30 p.m. and finished at $5: 15$ p.m. How long did he work on his homework?

May put her pie in the oven at 6:30 p.m. The pie baked for 2 hours and 30 minutes. What time did she take the pie out?


## A Matter of Time

Answer the questions about time.

Janey went to the library at $3: 45$ p.m. and left at 7:45 p.m. How long was she at the library?


Nikki went to a concert that started at 2:30 p.m. It ended at 4:00 p.m. How long was the concert?

Joji went to the park at 10:45 a.m. and left at 12:00 p.m. How long was he at the park?


Mike went to see a movie at the theater that was 1 hour and 45 minutes long. It started 6:00 p.m. What time did it end?

It started snowing outside at 5:30 p.m. It stopped snowing at $6: 45$ p.m. How long did it snow?


Length

## Practice Reading

 MeasurementWrite the correct length in the box.

How long is the snake?


How long is the necklace?


How long is the bridge?


How long is the train?


## Practice Identifying Measurement



This carrot is 2.5 inches long.


Mr. Smith's saw is 5 inches long.


Minnie draws a line 4 feet long.
Feet


The princess' braid is 7.5 feet long.
Feet


The dragon's tail is 11.5 feet long.


## Practice Reading <br> Measurement

Write the correct distance in the box.


How far did the duck swim?


How far is my house from yours?


How far is the bakery from the bank?



## Match it! <br> Identify the Metric System

Draw a line to match the US units with the closest metric unit. Then answer the questions below using the correct metric unit of measurement.

## The U.S. System

## The Metric System

inch
mile

Fahrenheit
feet
gallon
kilogram
liter
centimeter
gram
kilometer
square meter
pound
ounce
acre
$\qquad$


Questions

1. Which units do we use to tell the temperature?
2. Which units do we use to buy meat in the supermarket?
3. Which units do we use to measure the area of the land?
4. Which units do we use when we measure the volume of liquids?


Answer the problems below. Don't forget to change the units of measurements. Show your work. Remember: * 1 meter equals 100 centimeters
** 1 kilometer equals 1000 meters

## Marathon

1. James ran 2 kilometers at the meet on Saturday. How many meters did he run?
2. Alison ran 70 meters. How many kilometers did she run?
3. Who ran more: Alison or James?

## Hammer Throw

1. Jeff threw the hammer 86 meters. How far did he throw it in centimeters?
2. Julie threw the hammer at 74 meters. How far did she throw it in centimeters?
3. Combine Julie and Jeff's throws. How far did they throw together in centimeters?
4. Kelly jumped 6 meters, 45 centimeters on her first jump. How high did she jump in centimeters?
5. Alex jumped 5 meters, 99 centimeters. How high did he jump in centimeters?
6. What is the difference in centimeters between Kelly's jump and Alex's jump?

## Word Problems

Answer the questions below and show your work.


This whale weighs 1000 kilograms.
This sea turtle weighs 50 kilograms.
How much heavier is the whale?


This lion weighs 150 kilograms. This rabbit weighs 2 kilograms. How much heavier is the lion?


This octopus weighs 75 kilograms.
Theis starfish weighs 5 kilograms.
How much heavier is the octopus?


This jellyfish weighs 18 grams. This seahorse weighs 2 grams.

## Challenge!



This dog weighs 10 kilograms. This robin weighs 5 grams.
How much heavier is the dog? (*Hint: 1 kilogram is equal to 1000 grams).

How much juice is in each jug? Write the correct amounts in the box. * 1 Liter (L) equals 1000 milliliters (ml).


500 ml


Find the volume by counting the cubic units. Write down the answer. Note: some squares cannot be seen in a picture, but you know they are there.


## 1 cubic unit



## Choose The Unit: Liquid Volume

Which measurement would you use for each item? Choose the correct one from the word bank below and write it down to complete the sentence.


This eyedropper holds 0.5 $\qquad$ of water.


This milk carton holds a half $\qquad$ of milk.


This swimming pool holds 5,000 $\qquad$ of water .


This glass hold 2 $\qquad$ of orange juice.


This bowl contains 10 $\qquad$ of fruit punch.


This glass holds 200 milliliters of orange juice.
This box holds 500 milliliters of orange juice.
How much more does the box hold?


There are 550 milliliters of red paint in one can.
There are 720 milliliters of green paint in the other.
How much more of the green paint is there?


Marlene produced 200 liters of milk. Hallie produced 317 liters of milk.
How much more did Hallie produce?


The chef used 100 milliliters of cooking oil to fry chicken wings. He used 78 milliliters of cooking oil to fry onions. How much more oil did he use for the chicken wings?

## Challenge!



There are 10 liters of punch at the party.
How many milliliters are there?
(*Hint: 1 liter is equal to 1000 milliliters)

## Choose The Unit: Length

Which measurement would you use for each item? Choose the correct one from the word bank below and write it down to complete the sentence.


The football field measures 100 $\qquad$ long and 53 $\qquad$ wide.


We drove 60 $\qquad$ this weekend.

This pencil is 2 $\qquad$ high.


Grandma's new chair is 21 $\qquad$ wide. $\qquad$ .

## Counting Area

Find the areas below by counting the square units and write down the answers. Then, draw square units to make the area. See the example.

$=1$ square unit

$=$
$=3$ square units
$\qquad$

$=$ $\qquad$


Now draw $\mathbf{7}$ square units of area and 8 square units of area.

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| 3 square units |  |  |  |  |  |  |  |  |  |  |  |
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## Piggy's House Hunting: Find the Perimeter

Piggy needs to find a house with the largest perimeter.
Help Piggy by finding the perimeter of each house.
Then color the largest one.


Run, Run, Run! Practicing the Perimeter Help the runner pick the route to train for each week. Each week his run should be longer than the week before.


# Find The Missing Side 

Perimeter is the distance around a shape. It can be found by finding the sum of all the shape's sides. Look at the shapes below. Find the length of the missing sides using the information given. Write your answers in the space provided.


The perimeter of this object is 43 inches long.


Find the length of $C D$.


The perimeter of this object is 43 inches long.
Find the length of $E F$.


## Answer Sheets

## For Good Measure

Hours, Days, and Weeks
Time Flies!
A Matter of Time
Length: Practice Reading Measurement
Mark It! Practice Identifying Measurement
Distance: Practice Reading Measurement Jump!: Practice Identifying Measurement

Match It! Identify the Metric System
The Metric System
Track and Field: Practice Changing Units
Learning About Weight Word Problems
Juice in a Jug: Practice Reading Measurement
Counting Volume
Choose the Unit: Liquid Volume
Learning About Volume Word Problems
Choose the Unit: Length
Counting Area
Piggy's House Hunting: Find the Perimeter
Run, Run, Run: Practicing the Perimeter
Find the Missing Side

## Answer Sheet

## Math

 Time
## Hours, Days, and Weeks

Answer the questions by converting the units of time.
Remember, 1 day equals 24 hours and 1 week equals 7 days.


Mr. Waterstone wrote a letter to Ms. Jacobs. It took 4 weeks to arrive. How many days did it take?
( 4 weeks) $\times(7$ days $)=28$ days

Tom rode a hot air balloon across the ocean. He was on the balloon for 3 days. How many hours was he on the balloon?
( 3 days) $\times$ ( 24 hours) $=72$ hours

It took Mr. Carpenter a week and one day to fix the fence. How many hours did he spend fixing the fence?
(1 week) + (1 day) = 8 days
( 8 days) $\times$ ( 24 hours) $=192$ hours

Meg read a book in 3 weeks, 2 days, and 3 hours. How many hours did she spend reading the book?
( 3 weeks) $+(2$ days ) $=23$ days
( 23 days) $\times(24$ hours $)=552$ hours
( 552 hours) $+(3$ hours) $=555$ hours

## Answer Sheet

## Time Flies!

Answer the questions about time.

Patricia and Barton ate brunch from 11:00 a.m. to $12: 30$ p.m. How long were they eating brunch?

1 hour, 30 minutes



Jack went to the lake to go fishing at 9:45 a.m. and left the lake at 11:30 a.m. How long was he fishing?

Rich went for a 1 hour hike with his brother.
They started at 1:15 p.m. What time did they finish their hike?


Seiler started his homework at 4:30 p.m. and finished at 5:15 p.m. How long did he work on his homework?

45 minutes

May put her pie in the oven at 6:30 p.m. The pie baked for 2 hours and 30 minutes. What time did she take the pie out?

9:00 p.m.


## Answer Sheet

## A Matter of Time

Answer the questions about time.
Janey went to the library at $3: 45$ p.m. and left at 7:45 p.m. How long was she at the library?

4 hours


Nikki went to a concert that started at 2:30 p.m. It ended at 4:00 p.m. How long was the concert? 1 hour, 30 minutes

Joji went to the park at 10:45 a.m. and left at 12:00 p.m. How long was he at the park?
$\qquad$


Mike went to see a movie at the theater that was 1 hour and 45 minutes long. It started 6:00 p.m. What time did it end?

7:45 p.m.

It started snowing outside at 5:30 p.m. It stopped snowing at $6: 45$ p.m. How long did it snow? 1 hour, 15 minutes


## Answer Sheet

## Length <br> Practice Reading <br> Measurement <br> Write the correct length in the box.

How long is the snake?


How long is the necklace?


How long is the bridge?



## Mark it!

## Practice Identifying Measurement

Mark the length of the object on the ruler. See the example.


Mr. Smith's saw is 5 inches long.


Minnie draws a line 4 feet long.


## Answer Sheet

## Distance

## Practice Reading Measurement

Write the correct distance in the box.


How far is my house from yours?


How far is the bakery from the bank?


## Answer Sheet



## Answer Sheet

## Match it!

 Identify the Metric SystemDraw a line to match the US units with the closest metric unit. Then answer the questions below using the correct metric unit of measurement.

The U.S. System The Metric System


1. Which units do we use to tell the temperature?

Celcius
2. Which units do we use to buy meat in the supermarket?

Kilograms
3. Which units do we use to measure the area of the land? Square Meters
4. Which units do we use when we measure the volume of liquids? Liters

## Answer Sheet


2. Brr!! It is - 2 degrees while it is 14 degrees

## Celcius

Celcius
in London in San Francisco.
4. Sammy drinks 1 liter or quart
5. This palm tree is 2 feet or meters of lemonade after her workout.
3. The butcher sold 5 kilograms or pounds of pork to Mr. Smith. $\square$
6. Lisa's ponytail is 12 centimeters or inches long.

kilograms miles

Fahrenheit inches feet Celsius pounds liter quart centimeters meters kilometers

## 3 Track and Field

Practice Changing Units
Answer the problems below. Don't forget to change the units of measurements. Show your work. Remember: * 1 meter equals 100 centimeters
** 1 kilometer equals 1000 meters

## Marathon

1. James ran 2 kilometers at the meet on Saturday. How many meters did he run?

2,000 meters
2. Alison ran 70 meters. How many kilometers did she run?
0.07 kilometers
3. Who ran more: Alison or James?

James

## Hammer Throw

1. Jeff threw the hammer 86 meters. How far did he throw it in centimeters?

## 8,600 centimeters

2. Julie threw the hammer at 74 meters. How far did she throw it in centimeters?

7,400 centimeters
3. Combine Julie and Jeff's throws. How far did they throw together in centimeters?

16,000 centimeters

1. Kelly jumped 6 meters, 45 centimeters on her first jump. How high did she jump in centimeters?

645 centimeters
2. Alex jumped 5 meters, 99 centimeters. How high did he jump in centimeters?

## 599 centimeters

3. What is the difference in centimeters between Kelly's jump and Alex's jump?

46 centimeters

## Answer Sheet



## Word Problems

Answer the questions below and show your work.


This whale weighs 1000 kilograms.
This sea turtle weighs 50 kilograms.
How much heavier is the whale?

1,000kg

- 50 kg

950kg

The whale is 950 kilograms heavier than the turtle.

| 150 kg |
| ---: |
| $-\quad 2 \mathrm{~kg}$ |
| 148 kg |

The lion is 148 kilograms heavier than the rabbit.


This lion weighs 150 kilograms. This rabbit weighs 2 kilograms. How much heavier is the lion?


This octopus weighs 75 kilograms.
Theis starfish weighs 5 kilograms.
How much heavier is the octopus?


189 The jellyfish is

- 2916 grams heavier than the seahorse.

16 g


This jellyfish weighs 18 grams. This seahorse weighs 2 grams. How much heavier is the jellyfish?

## Challenge!



The dog is 9,995 grams heavier than the robin.

This dog weighs 10 kilograms. This robin weighs 5 grams.
How much heavier is the dog? (*Hint: 1 kilogram is equal to 1000 grams).
10 kilograms $\times 1,000=10,000$ grams

## Answer Sheet

## 3th Grade

## Juice in a Jug

 Practice Reading MeasurementHow much juice is in each jug? Write the correct amounts in the box. * 1 Liter (L) equals 1000 milliliters (ml).


1500 ml

0.65 L


800 ml


500 ml

0.35 L

## Answer Sheet

 Geometry
## Counting Volume

Find the volume by counting the cubic units. Write down the answer.
Note: some squares cannot be seen in a picture, but you know they are there.


1 cubic unit


6 cubic units



## 3 cubic units



18 cubic units


13 cubic units

## Choose The Unit: Liquid Volume

Which measurement would you use for each item? Choose the correct one from the word bank below and write it down to complete the sentence.


This eyedropper holds 0.5 $\qquad$ ounces $\qquad$ of water.


This milk carton holds a half $\qquad$ gallon $\qquad$ of milk.


This swimming pool holds 5,000 $\qquad$ gallons $\qquad$ of water .


This glass hold 2 $\qquad$ cups $\qquad$ of orange juice.


This bowl contains 10 $\qquad$ of fruit punch.

# Answer Sheet 

## Word Problems <br> Answer the questions below and show your work.



There are 550 milliliters of red paint in one can. There are 720 milliliters of green paint in the other. How much more of the green paint is there?

317 Hallie produced 117

- 200 more liters of milk than 117 Marlene.

Marlene produced 200 liters of milk. Hallie produced 317 liters of milk. How much more did Hallie produce?

100 He used 22 more milliliters

- 78 of oil for the chicken wings 22


The chef used 100 milliliters of cooking oil to fry chicken wings. He used 78 milliliters of cooking oil to fry onions. How much more oil did he use for the chicken wings?

## Challenge!



There are 10 liters of punch at the party. How many milliliters are there?
(*Hint: 1 liter is equal to 1000 milliliters)

1,000
$\times 10$
10,000
There are 10,000 milliliters of punch at the party.

## Answer Sheet

## Choose The Unit: Length

Which measurement would you use for each item? Choose the correct one from the word bank below and write it down to complete the sentence.


The football field measures 100 $\qquad$ yards long and 53 $\qquad$ yards $\qquad$ wide.


We drove 60 $\qquad$ this weekend.

This pencil is 2 $\qquad$ inches high.


Grandma's new chair is 21 $\qquad$ wide.


The width of California is 250 $\qquad$ miles

## Answer Sheet

## Counting Area

Find the areas below by counting the square units and write down the answers. Then, draw square units to make the area. See the example.

$=3$ square units

$=4$ square units

= 6 square units

$=4$ square units

Now draw 7 square units of area and 8 square units of area.

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| 3 square units |  |  |  |  |  |  |  |  |  |  |  |
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## Answer Sheet

## Piggy's House Hunting: Find the Perimeter

Piggy needs to find a house with the largest perimeter.
Help Piggy by finding the perimeter of each house.
Then color the largest one.


11


15


## Answer Sheet

## Run, Run, Run! Practicing the Perimeter

Help the runner pick the route to train for each week.
Each week his run should be longer than the week before.


## Find The Missing Side

Perimeter is the distance around a shape. It can be found by finding the sum of all the shape's sides. Look at the shapes below. Find the length of the missing sides using the information given. Write your answers in the space provided.


The perimeter of this object is 54 inches long.

Find the length of $A B$.
$54-5-3-2-2-6-7-6-2-2-4-5=10$
The length of $A B$ is 10 inches.

The perimeter of this object is 43 inches long.


Find the length of $C D$.
$43-6-4-5-5-5-5-2-7=4$
The length of CD is 4 inches.


The perimeter of this object is 43 inches long.
Find the length of $E F$.
$43-8-8-3-6-8-7=3$
The length of EF is 3 inches.

