

MEASUREMENT

Area, Perimeter, Time, Measurement Conversions

Approximate Metric Length Name: _____

1. About how tall is a coffee cup?
A. 14 m
B. 14 mm
C. 14 cm
D. 14 km

2. About how tall is a one-story house?
A. 5 mm
B. 5 cm
C. 5 m
D. 5 km

3. About how far is it to drive from San Antonio, TX to Orlando, Florida?
A. 1,900 mm
B. 1,900 cm
C. 1,900 m
D. 1,900 km

4. About how tall are the pyramids in Egypt?
A. 139 m
B. 139 cm
C. 139 mm
D. 139 km

5. About how long is a crocodile?
A. 17 km
B. 17 mm
C. 17 m
D. 17 cm

6. About how long is a hammer?
A. 17 cm
B. 17 mm
C. 17 m
D. 17 km

7. About how wide is a nut?
A. 17 mm
B. 17 cm
C. 17 m
D. 17 km

8. About how long is a clothespin?
A. 17 mm
B. 17 cm
C. 17 m
D. 17 km

A Perfect Space For My Dog 4.5D

1st: Pick your dog. Circle your selection.

Breed: Chihuahua
Adult Weight: 3.3-6.5 lbs.

Breed: Schnauzer
Adult Weight: 30-50 lbs.

build a play area for your dog. Consider the breed play space.

rectangular play areas that use all 60 Ft. of fencing ch of your designs.

plain why you think it would be the best play area

Width	Area	Perimeter

length of _____ ft.

Easy-to-Use

No Prep Worksheets

For stations, seatwork, tutoring,
or homework

Customary Conversions Name: _____ 4.88

Inches, Feet, Yards Miles

1. The length of a ribbon is 4 yards. How many feet are equivalent to 4 yards?

expression

2. The distance from Mario's house to the market is 2 miles. How many yards are equivalent to this distance?

expression

3. The distance from home plate to 2nd base is about 126 feet. How many yards is that equal to?

expression

4. A giant stuffed bear is 4 feet tall. How many inches tall is the stuffed bear?

expression

5. A bookcase is 84 inches tall. How many feet tall is the bookcase?

expression

6. Jeremiah's street is 255 feet long. How many yards is that equivalent to?

expression

7. Grace's curtains are 9 feet long. How many inches long are her curtains?

expression

8. A palm tree is 7 feet tall. How many inches is that equivalent to?

expression

9. A fabric store has 72 feet of blue fabric. How many yards is that equal to?

expression

10. Sam has 144 inches of string. How many feet is that equivalent to?

expression

20 Student Pages

- Aligned to the 4th grade Standards
- Build Conceptual Understanding
- Practice Skills

Perimeter & Area
1-step problems that practice the x7 Facts

1. Find the area of this rectangle.

78 m
27 m

2. Find the perimeter of this square.

17 m

3. Calculate the perimeter of the sand box shown in the model below.

7 Ft. 20 Ft.

4. Determine the area of the rug shown in the picture below.

75 Ft.
17 Ft.

5. Lamar will paint the entire square wall below. How many square feet will he paint?

17 Ft.

6. What is the area of this square?

7. What measure?

8. What measure?

9. What is the area?

Perplexing Perimeter & Area
Multi-step problems

1. Find the length of this rectangle:

6 m Perimeter: 48 m

2. A rectangular room has a length of 15 Ft. What is the area of the room?

4. A hot air balloon basket has a length of 8 Ft. What is the width of the basket if the perimeter is 30 Ft?

MARVEL Math
Approximate Customary Length
Inches, Feet, Yards, Miles

1. About how long is a bike?

A. 4 inches
B. 4 cm
C. 4 feet
D. 4 yards

2. About how long is a band-aid?

A. 3 feet
B. 3 cm
C. 3 inches
D. 3 miles

3. About how long is a paint set?

A. 1 inch
B. 1 foot
C. 1 yard
D. 1 mile

4. How wide is the state of Texas?

A. 790 feet
B. 790 miles
C. 790 yards
D. 790 inches

5. About how long is a car?

A. 4 inches
B. 4 feet
C. 4 yards
D. 4 miles

6. About how long is a paint brush?

A. 8 inches
B. 8 feet
C. 8 miles
D. 8 yards

7. About how wide is a button?

A. 0.5 feet
B. 0.5 yards
C. 0.5 inches
D. 0.5 miles

8. How far is it from earth to the moon?

A. 238,900 inches
B. 238,900 feet
C. 238,900 yards
D. 238,900 miles

9. About how long is a guitar?

A. 2 feet
B. 40 inches
C. 2 yards
D. 10 inches

10. How long is the White House?

A. 168 feet
B. 1 mile
C. 10 yards
D. 10 inches

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Engaging Practice for:

- Perimeter
- Area
- Elapsed Time
- Customary and Metric Conversions
- Approximate Measures of Length
- Capacity
- Mass
- Weight

Customary Conversions

Inches, Feet, Yards, Miles

Name: _____

4.88

- The length of a ribbon is 4 yards. How many feet are equivalent to 4 yards?

expression

- The distance from home plate to 2nd base is about 126 feet. How many yards is that equal to?

expression

- Jeremiah's street is 2 feet long. How many yards is that equal to?

expression

- A palm tree is 7 feet tall. How many yards is that equal to?

expression

The Perfect Garden

You are going to create a garden in your backyard to grow Fruits and vegetables.

You have 25 ft. of wood to use as a border around your garden. You have enough garden soil to make a garden that is 35 square ft.

- Create at least 4 different garden designs
- Calculate the materials used for each design
- Select the best design for your garden

	Length	Width	Number of square feet inside garden (35 max)	Total length of all 4 sides (25 ft. max)
Design 1				
Design 2				
Design 3				
Design 4				

Problem Solving with Conversions

Inches, Feet, Yards, Miles

Name: _____

4.50

- Maria is on a scavenger hunt. She walked 83 feet to the first clue and 8 yards to the next clue. How many feet did she walk in all?

- Bella makes 4 ribbon flowers. Each flower uses 18 inches of ribbon. After making the flowers, she has 3 feet of ribbon left. How many feet of ribbon did she have to start with?

- A restaurant has two cases next to each other. One is 4 ft long and the other is 50 in long. How many feet are they altogether in?

- Justin painted his entire fence. He painted 57 feet of the fence one day and 13 yards another day. How many feet long is his fence?

- An obstacle course is 489 yards long. The distance from the start to the giant climbing wall is 150 feet. After Tim gets to the climbing wall, how many yards are left in the course?

- Four 50 yard so ran 1 mile. How many yards did she run?

- A factory produced 850 feet of rope on Monday and 157 feet on Tuesday. How many yards of rope did they produce?

Print and Go Practice

Time: Problem Solving with Elapsed time

BEST Day Ever

You are going to Wally World with your best friends tomorrow. You downloaded an app that plans your entire day for you based on data from previous years. Calculate the times you will finish each ride based on the app's predictions.

Arrive at the park: 9 am
Walk to Tilt-O-World: 7 min.
Wait in line: 8 min.
Ride length: 4 min.
Get off Tilt-O-World at

Walk to the Mine Train: 9 min.
Wait in line: 36 min.
Ride length: 4 min.
Get off the Mine Train at

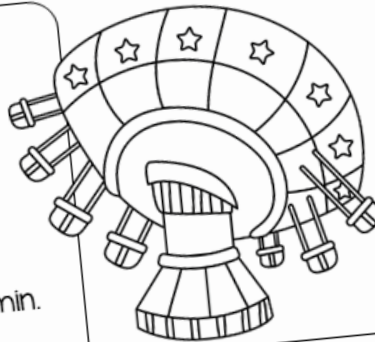
Walk to the Ferris Wheel: 3 min.
Wait in line: 24 min.
Ride length: 8 min.
Get off the Ferris Wheel at

Walk to the Race Cars: 14 min.
Wait in line: 72 min.
Ride length: 6 min.
Get off the Race Cars at

Finish Lunch: 12:55 pm
Walk to Planet Mountain: 12 min.
Wait in line: 98 min.
Ride length: 5 min.
Get off Planet Mountain at

Walk to the Cyclone: 4 min.
Wait in line: 38 min.
Ride length: 4 min.
Get off the Cyclone at

Walk to the Viper: 3 min.
Wait in line: 74 min.
Ride length: 4 min.
Get off the Viper at



Keys Included

Keys can be used for self check math stations for student independence.

Approximate Customary & Metric Capacity Name: _____ 4.8A
Fluid ounce, cup, pint, quart, gallon, milliliter & liter

1. About how much ink will fit in an ink jar?
A. 2 liters
B. 2 cups
C. 2 fluid ounces
D. 2 pints

2. About how much gas fits in a gas can?
A. 5 cups
B. 5 gallons
C. 5 pints
D. 5 fluid ounces

3. About how much soda is in a can?
A. 1.5 gallons
B. 1.5 pints
C. 1.5 cups
D. 1.5 liters

4. About how much smoothie would a blender hold if it was full?
A. 2 fluid ounces
B. 2 quarts
C. 2 gallons
D. 2 milliliters

5. About how much water would fill an aquarium?
A. 14 cups
B. 14 pints
C. 14 gallons
D. 14 fluid ounces

6. About how much water is inside a full water bottle?
A. 1 liter
B. 1 fluid ounce
C. 10 cups
D. 10 gallons

7. About how much water can a kiddie pool hold?
A. 50 cups
B. 50 pints
C. 50 liters
D. 50 gallons

8. About how much tea could a cup hold?
A. 10 gallons
B. 10 cups
C. 10 liters
D. 10 fluid ounces

9. About how much water is in one droplet of water?
A. 1 gallon
B. 1 milliliter
C. 1 liter
D. 1 cup

10. About how much water is in the ocean?
A. 264,170,000,000 milliliters
B. 264,170,000,000 gallons
C. 264,170,000,000 cups
D. 264,170,000,000 fluid ounces

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Approximate Customary & Metric Capacity Name: **KEY** 4.8A
Fluid ounce, cup, pint, quart, gallon, milliliter & liter

1. About how much ink will fit in an ink jar?
A. 2 liters
B. 2 cups
C. 2 fluid ounces
D. 2 pints

2. About how much gas fits in a gas can?
A. 5 cups
B. 5 gallons
C. 5 pints
D. 5 fluid ounces

3. About how much soda is in a can?
A. 1.5 gallons
B. 1.5 pints
C. 1.5 cups
D. 1.5 liters

4. About how much smoothie would a blender hold if it was full?
A. 2 fluid ounces
B. 2 quarts
C. 2 gallons
D. 2 milliliters

5. About how much water would fill an aquarium?
A. 14 cups
B. 14 pints
C. 14 gallons
D. 14 fluid ounces

6. About how much water is inside a full water bottle?
A. 1 liter
B. 1 fluid ounce
C. 10 cups
D. 10 gallons

7. About how much water can a kiddie pool hold?
A. 50 cups
B. 50 pints
C. 50 liters
D. 50 gallons

8. About how much tea could a cup hold?
A. 10 gallons
B. 10 cups
C. 10 liters
D. 10 fluid ounces

9. About how much water is in one droplet of water?
A. 1 gallon
B. 1 milliliter
C. 1 liter
D. 1 cup

10. About how much water is in the ocean?
A. 264,170,000,000 milliliters
B. 264,170,000,000 gallons
C. 264,170,000,000 cups
D. 264,170,000,000 fluid ounces

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About the Author

This resource was created by Melissa Johnson, who has 16 years of k-10 teaching experience and a masters degree in Mathematics Education. Her resources build conceptual understanding, make connections between math topics and engage students in the mathematics they are learning.

