

1. For each number below, name two different real-life situations where the number could be used.

Example:	7	<u>My brother's age</u>	<u>Days in a week</u>
a)	1,000,000	_____	_____
b)	3/8	_____	_____
c)	1/100	_____	_____
d)	75%	_____	_____

2. Find five objects you can buy from a grocery store and list two different measures given for each. One measure should be in metric units and one should be in our customary units. Customary units means those we usually use in the United States.

	<u>Customary</u>	<u>Metric</u>
Example: Acme Solid White Tuna	<u>6 ounces</u>	<u>170 grams</u>
a) _____	_____	_____
b) _____	_____	_____
c) _____	_____	_____
d) _____	_____	_____
e) _____	_____	_____

f) What do you see that is different about the two measures of the same object?

g) What observations can you make about the customary and metric units?

3. It is recommended that people your age should have at least 9 to 10 hours of sleep each night. That would be the same as _____ to _____ minutes of sleep each night. That would also be the same as _____ to _____ seconds each night. Please show all of your work.

4. Mr. Hurley collected baseball cards when his children were very young. Now that his children are older, he wants to give each of his three children the same number of cards to start their own collections. He has 3,732 cards. How many cards should each child receive?

5. The kindergarten class has 432 baseball cards. They decided to lay the cards end-to-end down the hallway to see how far they would stretch. Each card is 3 inches long. How many inches long is the line of cards? Knowing that there are 12 inches in one foot, how many feet long is this line of cards?

6. Gerald bought a videotape to record a basketball game. The videotape cost \$3.55. If Gerald paid with a ten-dollar bill, what is the fewest number of bills and coins he could have received as change? Name or draw the bills and coins.

7. The scout troop placed 14 markers along a hiking trail. Each marker weighed 24 ounces. When they started out, they put them all in a large backpack that weighed 3 pounds. How much did the backpack weigh with all the markers?

8. Angela's family went hiking and came to a bridge that had a weight limit of 500 pounds. Her father weighed 250 pounds, her aunt weighed 145 pounds, her brother weighed 48 pounds and she weighed 65 pounds. Could they all walk on the bridge at the same time? Explain using numbers in your reasoning.

9. In your head, without a pencil and paper or calculator, find a whole number estimate for each of the following. Then, using a pencil, write about how you figured each problem out in your head.

a.) $950 \div 49 =$ _____

b.) $499 \times 14 =$ _____

10. The human heart beats an average of 72 times per minute. At this, rate how many times has your heart beat since you got up this morning?

a. Time you got up _____ c. Number of heart beats _____

b. Time it is now _____

11. Find either the elapsed time or missing start/ end time for each problem.

Question Number	Start Time	End Time	Elapsed Time
1.	3:25 A.M.	6:45 A.M.	
2.	11:10 P.M.	Midnight	
3.	4:35 A.M.		2 hours and 40 minutes
4.		6:10 P.M.	4 hours and 25 minutes
5.	8:20 A.M.	11:55 P.M.	

11. Convert between yards, feet, and inches.

1 foot = 12 inches

1 yard = 3 feet

Convert the given measures to new units.

a.) **3 feet = _____ inches**

b.) **48 inches = _____ feet**

c.) **35 feet = _____ inches**

d.) **74 inches = _____ yards**

12. Convert Metric units of length: kilometers, meters, centimeters, millimeters

1 kilometer = 1,000 meters

1 meter = 100 centimeters = 1,000 millimeters

1 centimeter = 10 millimeters

Convert to the units shown:

a.) **3 meters = _____ centimeters**

b.) **2 centimeters = _____ millimeters**

c.) **3 kilometers = _____ meters**

Mathematics Summer Packet Work for Rising 5th Graders

Name _____

Date _____