

First Name _____ Middle Initial ____ . Last Initial ____ .

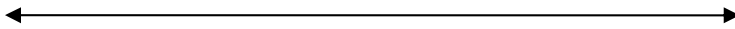
Date _____ Age _____ Gender (circle one): M F

Math Can Take You Places After School **Student Pre-Test**

Directions: Circle the correct answer for each question.

Measurement: *Go Figure*

1. Use a ruler to measure this line to the nearest inch. About how long is this line in inches?



- a. 4 inches
 - b. 5 inches
 - c. 6 inches
 - d. 7 inches
2. A professional basketball player is about twice as big as the average 3rd grader. If a third grader's arm is 20 inches long from shoulder to fingers, about how long would the pro basketball player's arm be in inches?
- a. 20 inches
 - b. 30 inches
 - c. 40 inches
 - d. 50 inches
3. A professional basketball player is about twice as big as the average 3rd grader. If the professional basketball player's leg is 46 inches long, about how long would a 3rd grader's leg be?
- a. 23 inches
 - b. 46 inches
 - c. 74 inches
 - d. 92 inches

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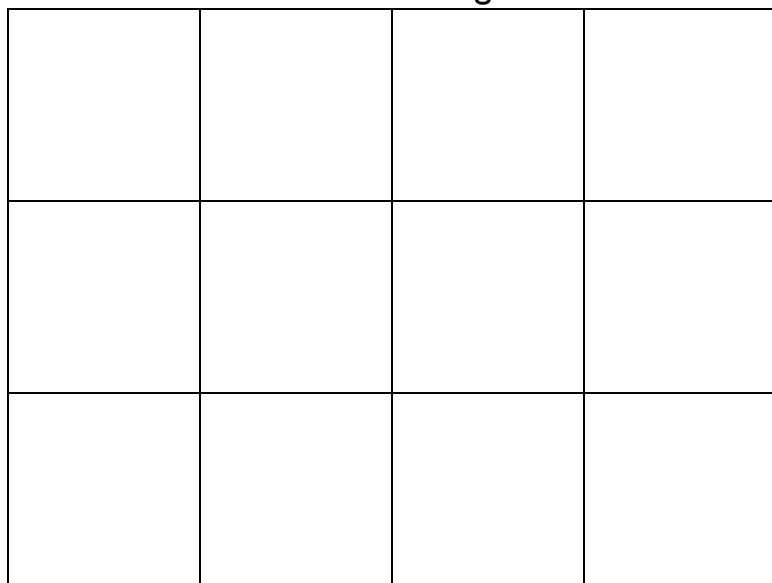
Date _____ Age _____ Gender (circle one): M F

Math Can Take You Places After School **Student Pre-Test**

Directions: Circle the correct answer for each question.

Measurement: Measure Up

1. What is the area of this rectangle?



- a. 14 square inches
 - b. 11 square inches
 - c. 9 square inches
 - d. 12 square inches
2. What is the perimeter of the rectangle above?
- a. 14 square inches
 - b. 11 square inches
 - c. 9 square inches
 - d. 12 square inches
3. If you trace the outline of your hand, what would you be measuring?
- a. The area of your hand.
 - b. The perimeter of your hand.
 - c. The width of your hand.
 - d. The length of your hand.

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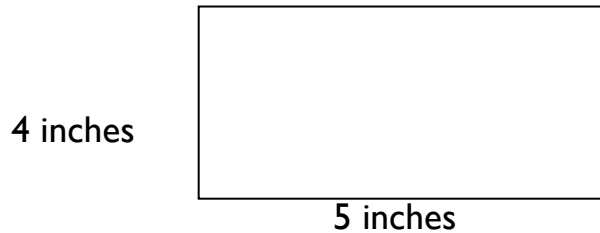
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Math Can Take You Places After School **Student Pre-Test**

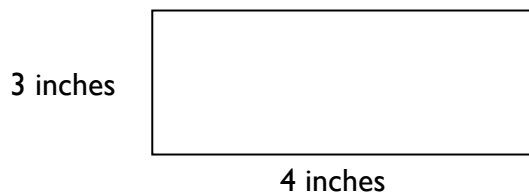
Directions: Circle the correct answer for each question.

Measurement: *Perimeter Kick*

1. If a rectangle has a length of 5 inches and a width of 4 inches, what is the area of the rectangle?



- a. 9 inches
b. 18 inches
c. 20 inches
d. 12 inches
2. What is the perimeter of the rectangle above?
a. 9 inches
b. 18 inches
c. 20 inches
d. 12 inches
3. If a rectangle has a length of 4 inches and a width of 3 inches, what is the perimeter of the rectangle?



- a. 12 inches
b. 7 inches
c. 10 inches
d. 14 inches

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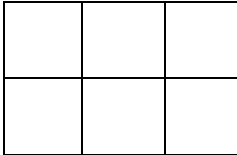
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Math Can Take You Places After School **Student Pre-Test**

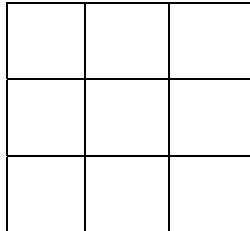
Directions: Circle the correct answer for each question.

Measurement: *Tall Order*

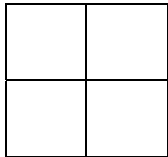
A



C



B



D



1. Which rectangle above has an area of 6 square units?

- a. Rectangle A
- b. Rectangle B
- c. Rectangle C
- d. Rectangle D

2. Which rectangle above has a perimeter of 8 units?

- a. Rectangle A
- b. Rectangle B
- c. Rectangle C
- d. Rectangle D

3. Which rectangle above has an area of 4 units?

- a. Rectangle A
- b. Rectangle B
- c. Rectangle C
- d. Rectangle D

First Name _____ Middle Initial ____ . Last Initial ____ .

Date _____ Age _____ Gender (circle one): M F

Math Can Take You Places After School **Student Pre-Test**

Directions: Circle the correct answer for each question.

Measurement: *Weigh Too Much*

1. A flashlight weighs about how many pounds?

- a. 2 lbs. b. 50 lbs. c. 200 lbs. d. 500 lbs.

2. Which of the objects below weighs less than 10 pounds?

- a. a large tent
b. 10 CDs
c. a large cooler filled with ice and sodas
d. a backpack full of books

3. If you guess that an object weighs 12 pounds, but it really weighs 18, which number sentence below would you use to figure out the difference between your guess and the actual weight?

- a. $18 - 12 = \underline{\quad}$
b. $12 - 18 = \underline{\quad}$
c. $12 + 18 = \underline{\quad}$
d. $18 + 12 = \underline{\quad}$

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Math Can Take You Places After School **Student Pre-Test**

Directions: Circle the correct answer for each question.

Measurement: *World Traveler Relay*

1. Your parents rent a car while on vacation in Jamaica. One gallon of gas will let you drive 25 miles. How far can you drive on seven gallons of gas?
 - a. 115 miles
 - b. 225 miles
 - c. 90 miles
 - d. 175 miles

2. About how many inches long is this sheet of paper?
 - a. 6 inches
 - b. 11 inches
 - c. 20 inches
 - d. 23 inches

3. You and a friend pack a gallon and a half of water on a mountain bike ride. How many quarts of water would that be (Remember: 1 gallon=4 quarts)
 - a. 4 quarts
 - b. 6 quarts
 - c. 8 quarts
 - d. 10 quarts

First Name _____ Middle Initial _____. Last Initial _____.

Date _____ Age _____ Gender (circle one): M F

Math Can Take You Places After School Student Pre-Test

Directions: Circle the correct answer for each question.

Problem Solving: *Check It Out*

1. Pretend you have \$100 to spend at the Shopping Mart Electronics store. The prices of the items you want are listed in the table below. Which combination of items could you possibly buy without going over your \$150?

Item	Price
New CD	\$15.99
DVD Player	\$50.00
Arcade Game CD	\$75.00
MP3 Player	\$149.50
Flat Screen TV	\$275.75

- a. Four new CDs and an arcade game CD
b. Three arcade game CDs
c. An MP3 player and a new CD
d. Two DVD players and 5 new CDs
2. Which combination of items could you possibly buy without going over \$300?
a. A flat screen TV and a DVD player
b. An MP3 player and two DVD players
c. Twenty new CDs
d. Five arcade game CDs
3. Pretend you have \$500 to spend. If you buy a shirt for \$35, a TV for \$150 and a DVD for \$20, what would you need to do to figure out how much money you had left to spend?
a. $\$500 + \$35 + \$150 + \$20 =$ Total left
b. $\$500 + \$35 = \$465$.
 $\$465 - \$150 - \$20 =$ Total left
c. $\$500 - \$35 - \$150 - \$20 =$ Total left
d. $\$35 - \$150 - \$20 - \$500 =$ Total left

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Math Can Take You Places After School Student Pre-Test

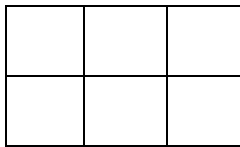
Directions: Circle the correct answer for each question.

Problem Solving: *Dream Design or Make Room*

(Use this test for either of these activities. Students only need to take this test once.)

1. Pretend you are designing your dream room on grid paper. A real dresser is 3 feet long and 2 feet wide. Which picture below looks like the dresser you would draw on your grid paper if 1 square unit = 1 square foot?

a.



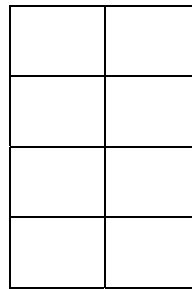
c.



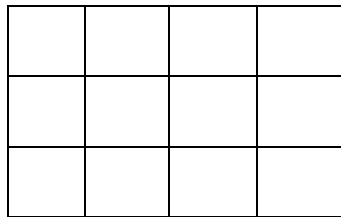
b.



d.



2. Pretend that you drew the shape below as your desk on your grid paper for your dream room. If 1 square unit = 1 square foot, about how long and wide would the real desk be?



- a. 5 feet long and 2 feet wide
b. 4 feet long and 4 feet wide
c. 3 feet long and 5 feet wide
d. 4 feet long and 3 feet wide
3. When would making a plan using real measurements on grid paper be useful in real life?
- a. When you're planning a vacation trip with your family.
b. When you're figuring out how to spend your allowance money.
c. When you're designing a garden.
d. When you're baking a cake.

First Name _____ Middle Initial ____ . Last Initial ____.

Date _____ Age _____ Gender (circle one): M F

Math Can Take You Places After School **Student Pre-Test**

Directions: Circle the correct answer for each question.

Problem Solving: *Math Physical Challenge*

There is no pre-/post-test for this activity.

First Name _____ Middle Initial ____ . Last Initial ____ .

Date _____ Age _____ Gender (circle one): M F

Math Can Take You Places After School Student Pre-Test

Directions: Circle the correct answer for each question.

Problem Solving: *Party Time*

1. Below is a list of steps you would need to take if you were planning a birthday party for your grandmother. In which order should you do these steps to make things easiest?

- A: Buy the party decorations and send the invitations to the guests.
- B: Decide what type of party and what colors to use to decorate.
- C: Pick up the cooked chicken wings from the store.
- D: Ask your Mom how much money you can spend.

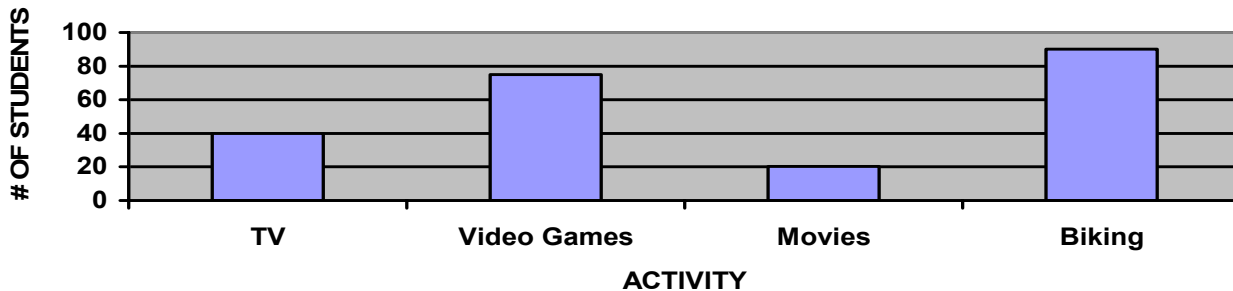
- a. A, B, C, D
- b. D, B, A, C
- c. B, C, D, A
- d. C, A, D, B

2. Pretend that your class is trying to plan a party, but can't agree on what kind of party to have. What could you do to most fairly choose the type of party you plan?

- a. Let the oldest student decide.
- b. Take a vote and have the kind of party that the most people choose.
- c. Just have a fiesta like you did last year.
- d. Let the students with the best grades decide.

3. Looking at the graph below, which of the following sentences are probably true?

Students' Favorite Activities



- a. The students almost like going to the movies as much as they like riding their bikes.
- b. Watching TV is their favorite thing to do at home.
- c. Most students don't like playing video games.
- d. Most students would rather be biking than playing video games.

First Name _____ Middle Initial ____ . Last Initial ____ .

Date _____ Age _____ Gender (circle one): M F

Math Can Take You Places After School **Student Pre-Test**

Directions: Circle the correct answer for each question.

Problem Solving: *Scrambled Digits*

There is no pre-/post-test for this activity.

First Name _____ Middle Initial ____ . Last Initial ____ .

Date _____ Age _____ Gender (circle one): M F

Math Can Take You Places After School **Student Pre-Test**

Directions: Circle the correct answer for each question.

Problem Solving: *Time Slot*

1. Tommy is taller than Sarah. Brad is the shortest. Kendra is taller than Tommy. Which of the choices below ranks them in order from shortest to tallest?

- a. Brad, Sarah, Tommy, Kendra
- b. Brad, Kendra, Tommy, Sarah
- c. Brad, Sarah, Kendra, Tommy
- d. Brad, Tommy, Sarah, Kendra

2. Jarred is 14 years old. Calvin is two years older than Sheila. Sheila is half Jarred's age. How old are Calvin and Sheila?

- a. Calvin is 13 years old. Sheila is 8.
- b. Calvin is 11 years old. Sheila is 6.
- c. Calvin is 14 years old. Sheila is 10.
- d. Calvin is 9 years old. Sheila is 7.

3. Shawn lives next door to Roberto, but not next to Jasmine. Jasmine lives in the very first house. Which of the choices lists the students' houses in order of the first house to the last?

- a. Roberto, Jasmine, Shawn
- b. Shawn, Roberto, Jasmine
- c. Jasmine, Roberto, Shawn
- d. Jasmine, Shawn, Roberto

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Date _____ Age _____ Gender (circle one): M F

Math Can Take You Places After School **Student Pre-Test**

Directions: Circle the correct answer for each question.

Patterns: *Name That Pattern*

The drive from your house to the movies is ten minutes long only if all of the traffic lights are green. Each red light lasts two minutes.

1. How long will it take you to get to the movies if you have to stop at one red light?
 - a. 8 minutes
 - b. 12 minutes
 - c. 10 minutes
 - d. 14 minutes

2. At two red lights?
 - a. 12 minutes
 - b. 10 minutes
 - c. 14 minutes
 - d. 16 minutes

3. At four red lights?
 - a. 12 minutes
 - b. 18 minutes
 - c. 14 minutes
 - d. 16 minutes

First Name _____ Middle Initial ____ . Last Initial ____ .

Date _____ Age _____ Gender (circle one): M F

Math Can Take You Places After School Student Pre-Test

Directions: Circle the correct answer for each question.

Patterns: *Out of This World*

1. You are at the airport in Canada and decide to buy your friend a souvenir. If one U.S. dollar equals about 1.25 Canadian dollars, how much Canadian money can you get in exchange for 3 U.S. dollars?

- a. \$5.00
- b. \$3.75
- c. \$2.50
- d. \$1.25

2. What number would complete the chart below if 1 U.S. Dollar = 2 Saturn Units?

U.S Dollar	Saturn Units
1	2
3	6
6	12
9	18
12	_____

- a. 24
- b. 20
- c. 16
- d. 26

3. What would you do to figure out how many Saturn Units equaled 25 U.S. dollars if 1 U.S. Dollar = 2 Saturn Units?

- a. 1 Saturn Unit x 25 U.S. Dollars = 25 Saturn Units
- b. 2 Saturn Units x 25 U.S. Dollars = 50 Saturn Units
- c. 50 Saturn Units x 25 U.S. Dollars = 1,250 Saturn Units
- d. 50 Saturn Units x 2 U.S. Dollars = 100 Saturn Units

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Math Can Take You Places After School **Student Pre-Test**

Directions: Circle the correct answer for each question.

Patterns: *Pattern Pull*

Fill in the next numbers in the patterns below:

1.)

21, 19, 17, __, __

- a. 14, 12
- b. 13, 10
- c. 15, 13
- d. 17, 15

2.)

1, 2, 2, 3, 3, 3, 4, __, __

- a. 4, 5
- b. 5, 6
- c. 4, 4
- d. 5, 5

3.)

1,000, 900, 800, __

- a. 700
- b. 600
- c. 500
- d. 800

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Date _____ Age _____ Gender (circle one): M F

Math Can Take You Places After School Student Pre-Test

Directions: Circle the correct answer for each question.

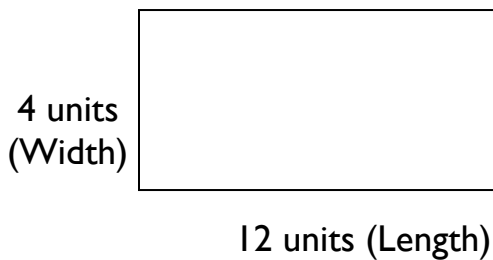
Patterns: *Picture This*

1. Which choice below best fills in the missing numbers from the chart below?

	<i>Original size</i>	<i>Doubled its size</i>	<i>Triple its size</i>
Length		6	9
Width		4	6

- a. Length is 3 units. Width is 2 units.
- b. Length is 1 unit. Width is 3 units.
- c. Length is 12 units. Width is 8 units.
- d. Length is 4 units. Width is 6 units.

2.



What would the new measurements be for this rectangle if you doubled its length and width?

- a. Length= 2 units and Width=6 units
 - b. Length=24 units and Width=8 units
 - c. Length=6 units and Width=8 units
 - d. Length=12 units and Width=4 units
3. What would the new measurements be for this rectangle if you cut its length and width by half?
- a. Length= 2 units and Width=6 units
 - b. Length=24 units and Width=8 units
 - c. Length=12 units and Width=4 units
 - d. Length=6 units and Width=2 units

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Date _____ Age _____ Gender (circle one): M F

Math Can Take You Places After School Student Pre-Test

Directions: Circle the correct answer for each question.

Reasonableness: Away We Go

Pretend you are booking airline flights for you and your two parents to go to Los Angeles, California. The chart below lists the prices for the flights.

Airline	Cost of the Flight for One Person
Northeast Airlines	\$445
Budget Airline	\$180
United American Airline	\$211
Deala Airlines	\$322

1. What is the most money you could spend on the airline tickets for all of you?
 - a. \$1,335
 - b. \$966
 - c. \$1,215
 - d. \$1,050

2. What is the least amount of money you could spend on the tickets for all of you?
 - a. \$677
 - b. \$709
 - c. \$498
 - d. \$540

Pretend you are booking a hotel for you and your parents in Los Angeles, California. The chart below lists the prices for the different hotels.

Hotel Name	Cost of the Room Each Night
Lexington Hotel	\$116 per night
L.A. Style Hotel	\$275 per night
The T Hotel	\$174 per night
Siesta Suites Hotel	\$108 per night

3. Which choice below shows the range of the least and the most money you could spend on the hotel room for your four-night stay?
 - a. \$696-\$1,100
 - b. \$464-\$696
 - c. \$108-\$275
 - d. \$432-\$1,100

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Date _____ Age _____ Gender (circle one): M F

Math Can Take You Places After School Student Pre-Test

Directions: Circle the correct answer for each question.

Reasonableness: *Estimation Math Libs*

1. A nurse bought two boxes of band-aids, one box of orange and one box of purple ones. Each box contained 112 band-aids. Which is the best estimate for the total number of band-aids the nurse bought?

- a. 70 b. 190 c. 140 d. 200

2. Tina likes to drive to the lake every Saturday and Sunday. The lake is exactly 247 miles away. If Tina drives to and from the lake on both days, which is the best estimate of the total number of miles she drives in one weekend?

- a. 1,000 b. 800 c. 400 d. 600

3. Ashley and her friend Monica really enjoy playing basketball. The table below shows the number of points each girl scored during the first three games

	Ashley	Monica
Game #1	16	16
Game #2	7	13
Game #3	12	4

About how many points total did both girls score during the first three games?

- a. 70 b. 85 c. 100 d. 90

First Name _____ Middle Initial ____ . Last Initial ____.

Date _____ Age _____ Gender (circle one): M F

Math Can Take You Places After School Student Pre-Test

Directions: Circle the correct answer for each question.

Reasonableness: *Fully Loaded*

Pretend you are buying a car stereo and rims for your new car. The chart below lists the prices for stereos and rims. You can purchase either item from any store listed.

Auto Web Site	Stereo		Rims	
	<i>Lowest Price</i>	<i>Highest Price</i>	<i>Lowest Price</i>	<i>Highest Price</i>
D. Tail's Auto	\$99.76	\$875.00	\$499.90	\$4,003.90
Low Price Riders Auto Shop	\$78.44	\$710.25	\$456.00	\$4,000.00
Bumper's Car Parts	\$102.75	\$599.99	\$505.35	\$4,125.80
Shiny Sheen Auto Additions	\$83.50	\$687.15	\$450.50	\$3,995.33

1. According to the chart, what is the range of prices for the cost of a stereo?
 - a. \$99.76-\$687.15
 - b. \$78.44-\$875.00
 - c. \$102.75-\$599.99
 - d. \$83.50-\$710.25

2. What is the most money you could spend on both the stereo and the rims combined?
 - a. \$4,125.80
 - b. \$4,836.05
 - c. \$5,000.80
 - d. \$5,342.99

3. What is the least amount of money you could spend on both a stereo and rims?
 - a. \$550.50
 - b. \$513.85
 - c. \$583.40
 - d. \$528.94

First Name _____ Middle Initial ____ . Last Initial ____ .

Date _____ Age _____ Gender (circle one): M F

Math Can Take You Places After School **Student Pre-Test**

Directions: Circle the correct answer for each question.

Reasonableness: *Pop It Now Stop It*

1. If you use 12 Lego blocks to make a rectangle, what is the volume of that rectangle in Lego blocks?
 - a. 6 Lego blocks
 - b. 8 Lego blocks
 - c. 12 Lego blocks
 - d. 18 Lego blocks

2. If you use 6 Lego blocks to make a rectangle, what is the volume of that rectangle in Lego blocks?
 - a. 6 Lego blocks
 - b. 8 Lego blocks
 - c. 12 Lego blocks
 - d. 18 Lego blocks

3. If you use 18 Lego blocks to make a rectangle, what is the volume of that rectangle in Lego blocks?
 - a. 6 Lego blocks
 - b. 8 Lego blocks
 - c. 12 Lego blocks
 - d. 18 Lego blocks

First Name _____ Middle Initial ____ . Last Initial ____ .

Date _____ Age _____ Gender (circle one): M F

Math Can Take You Places After School **Student Pre-Test**

Directions: Circle the correct answer for each question.

Reasonableness: *Golf Game*

There is no pre-/post-test for this activity.

First Name _____ Middle Initial ____ . Last Initial ____ .

Date _____ Age _____ Gender (circle one): M F

Math Can Take You Places After School **Student Pre-Test**

Directions: Circle the correct answer for each question.

Reasonableness: *Total Trekkers*

1. What could you do with 10 and 710 to get the **lowest** answer possible?
 - a. Add them together
 - b. Subtract 10 from 710
 - c. Multiply them
 - d. Divide 710 by 10

2. What could you do to with 10 and 710 to get the **highest** answer possible?
 - a. Add them together
 - b. Subtract 10 from 710
 - c. Multiply them
 - d. Divide 710 by 10

3. What could you do with 15 and 300 to get the **lowest** number possible?
 - a. Add them together
 - b. Subtract 15 from 300
 - c. Multiply them
 - d. Divide 300 by 15

First Name _____ Middle Initial _____. Last Initial _____.

Date _____ Age _____ Gender (circle one): M F

Math Can Take You Places After School **Student Pre-Test**

Directions: Circle the correct answer for each question.

Equivalency: *Comforts of Home*

1. What is $\frac{3}{4}$ of a \$1.00?
 - a. \$.25
 - b. \$.75
 - c. \$. 50
 - d. \$1.00

2. What is $\frac{7}{10}$ of a \$1.00?
 - a. \$.70
 - b. \$50
 - c. \$1.10
 - d. \$.07

3. \$.90 is what fraction of a dollar?
 - a. $\frac{1}{2}$
 - b. $\frac{2}{3}$
 - c. $\frac{9}{10}$
 - d. $\frac{1}{4}$

First Name _____ Middle Initial _____. Last Initial _____.

Date _____ Age _____ Gender (circle one): M F

Math Can Take You Places After School **Student Pre-Test**

Directions: Circle the correct answer for each question.

Equivalency: *Lowest Score*

1. If you add, subtract, multiply or divide 4 and 8, which number is NOT a possible solution?

- a. 12
- b. 4
- c. 49
- d. 32

2. If you add, subtract, multiply or divide 3 and 12, which number is NOT a possible solution?

- a. 36
- b. 9
- c. 4
- d. 44

3. If you add, subtract, multiply or divide 7 and 21, which number is NOT a possible solution?

- a. 27
- b. 14
- c. 3
- d. 147

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Date _____ Age _____ Gender (circle one): M F

Math Can Take You Places After School **Student Pre-Test**

Directions: Circle the correct answer for each question.

Equivalency: *Just Cruising*

1. Pretend you are on a cruise ship that has run out of fuel and all of the passengers need to be taken to safety. 39 boats can take all the passengers from the ship if there are 12 in each boat. How many passengers were on the ship?

- a. 402
- b. 415
- c. 476
- d. 468

2. Pretend that six rescue boats are carrying 15 passengers each. How many total passengers are there in all six boats?

- a. 90
- b. 21
- c. 73
- d. 54

3. 183 passengers are on the ship. They have only three rescue boats. How many passengers will have to travel in each boat?

- a. 61
- b. 549
- c. 75
- d. 484

First Name _____ Middle Initial ____ . Last Initial ____ .

Date _____ Age _____ Gender (circle one): M F

Math Can Take You Places After School **Student Pre-Test**

Directions: Circle the correct answer for each question.

Equivalency: *Let's Make Ice Cream*

1. Two cups of flour equals how many tablespoons? (Remember: 1 cup = 16 tablespoons)
 - a. 16 tablespoons
 - b. 32 tablespoons
 - c. 48 tablespoons
 - d. 24 tablespoons

2. How many $\frac{1}{4}$ cup scoops of sugar will equal to one cup of sugar?
 - a. 2
 - b. 6
 - c. 4
 - d. 8

3. Four cups of milk equals how many $\frac{1}{2}$ cups of milk?
 - a. 10
 - b. 12
 - c. 6
 - d. 8

First Name _____ Middle Initial ____ . Last Initial ____ .

Date _____ Age _____ Gender (circle one): M F

Math Can Take You Places After School **Student Pre-Test**

Directions: Circle the correct answer for each question.

Equivalency: *Riddle Me This*

Choose the number sentence below that matches the following word problem:

1. The Zogs have only 57 miles to fly before they get home to their planet, Pluto. They have already flown 315 miles today. How far away were they from home when the trip started?

a. $315 \times \underline{\quad} = 57$

b. $315 + 57 = \underline{\quad}$

c. $315 \div \underline{\quad} = 57$

d. $315 - 57 = \underline{\quad}$

2. Kira is only \$57 short of her goal of saving \$372 for her class space trip to the moon. How much money has she saved for the trip?

a. $372 \times \underline{\quad} = 57$

b. $372 + 57 = \underline{\quad}$

c. $372 \div \underline{\quad} = 57$

d. $372 - 57 = \underline{\quad}$

3. Q-bert was promised \$315 in pledges for the Save-the-Martians fund. So far he has collected \$57 from his mom and dad. How much money does Q-bert still have to collect?

a. $315 \times \underline{\quad} = 57$

b. $\underline{\quad} + 57 = 315$

c. $315 \div \underline{\quad} = 57$

d. $315 + 57 = \underline{\quad}$

Math Can Take You Places After School
Student Pre-Test
ANSWER KEY

Measurement:

Go Figure

- 1. a
- 2. c
- 3. a

Measure Up

- 1. d
- 2. a
- 3. b

Perimeter Kick

- 1. c
- 2. b
- 3. d

Tall Order

- 1. a
- 2. c
- 3. b

Weight Too Much

- 1. a
- 2. b
- 3. a

World Traveler Relay

- 1. d
- 2. b
- 3. b

Problem Solving:

Check It Out

- 1. a
- 2. b
- 3. c

*Dream Design or
Make Room*

- 1. a
- 2. d
- 3. c

Math Physical

Challenge

There is no pre-
/post-test for this
activity.

Party Time

- 1. b
- 2. b
- 3. d

Scrambled Digits

There is no pre-
/post-test for this
activity.

Time Slot

- 1. a
- 2. d
- 3. c

Patterns:

Name That Pattern

- 1. b
- 2. c
- 3. d

Out of This World

- 1. b
- 2. a
- 3. b

Pattern Pull

- 1. c
- 2. c
- 3. a

Picture This

- 1. a
- 2. b
- 3. d

Reasonableness:

Away We Go

- 1. a
- 2. d
- 3. d

Estimation Math Libs

- 1. d
- 2. a
- 3. a

Fully Loaded

- 1. b
- 2. c
- 3. d

Pop It, Now Stop It

- 1. c
- 2. a
- 3. d

The Golf Game

There is no pre-
/post-test for this
activity.

Total Trekkers

- 1. d
- 2. c
- 3. d

Equivalency:

Comforts of Home

- 1. b
- 2. a
- 3. c

Lowest Score

- 1. c
- 2. d
- 3. a

Just Cruising

- 1. d
- 2. a
- 3. a

Let's Make Ice Cream

- 1. b
- 2. c
- 3. d

Riddle Me This

- 1. b
- 2. d
- 3. b

First Name _____ Middle Initial ____ . Last Initial ____.

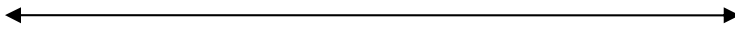
Date _____ Age _____ Gender (circle one): M F

Math Can Take You Places After School **Student Post-Test**

Directions: Circle the correct answer for each question.

Measurement: *Go Figure*

1. Use a ruler to measure this line to the nearest inch. About how long is this line in inches?



- a. 7 inches
 - b. 6 inches
 - c. 5 inches
 - d. 4 inches
2. A professional basketball player is about twice as big as the average 3rd grader. If a third grader's arm is 20 inches long from shoulder to fingers, about how long would the pro basketball player's arm be in inches?
- a. 40 inches
 - b. 20 inches
 - c. 50 inches
 - d. 30 inches
3. A professional basketball player is about twice as big as the average 3rd grader. If the professional basketball player's leg is 46 inches long, about how long would a 3rd grader's leg be?
- a. 46 inches
 - b. 23 inches
 - c. 92 inches
 - d. 74 inches

First Name _____ Middle Initial ____ . Last Initial ____.

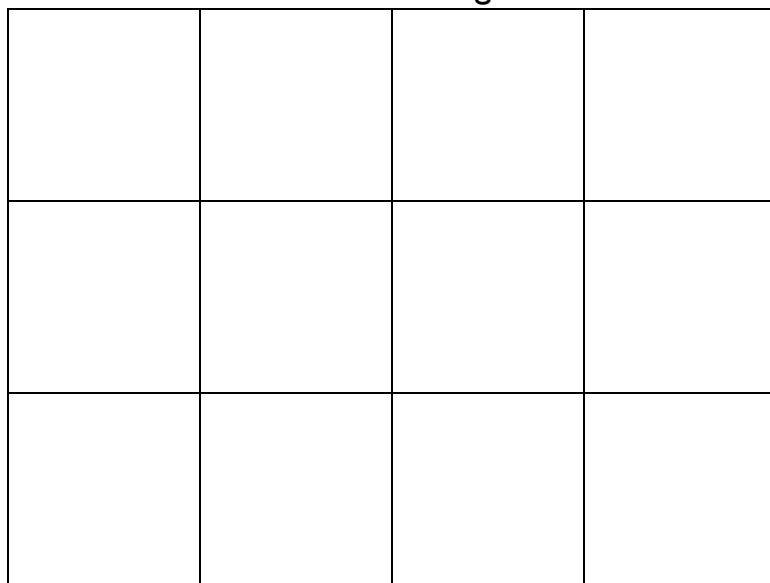
Date _____ Age _____ Gender (circle one): M F

Math Can Take You Places After School **Student Post-Test**

Directions: Circle the correct answer for each question.

Measurement: Measure Up

1. What is the area of this rectangle?



- a. 11 square inches
- b. 12 square inches
- c. 14 square inches
- d. 9 square inches

2. What is the perimeter of the rectangle above?

- a. 9 square inches
- b. 11 square inches
- c. 14 square inches
- d. 12 square inches

3. If you trace the outline of your hand, what would you be measuring?

- a. The length of your hand.
- b. The width of your hand.
- c. The perimeter of your hand.
- d. The area of your hand.

First Name _____ Middle Initial ____ . Last Initial ____ .

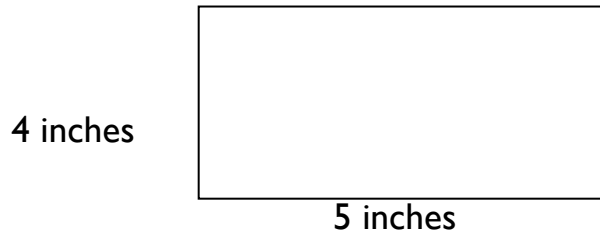
Date _____ Age _____ Gender (circle one): M F

Math Can Take You Places After School **Student Post-Test**

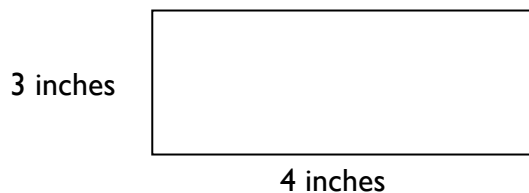
Directions: Circle the correct answer for each question.

Measurement: *Perimeter Kick*

1. If a rectangle has a length of 5 inches and a width of 4 inches, what is the area of the rectangle?



- a. 18 inches
b. 9 inches
c. 12 inches
d. 20 inches
2. What is the perimeter of the rectangle above?
a. 18 inches
b. 9 inches
c. 12 inches
d. 20 inches
3. If a rectangle has a length of 4 inches and a width of 3 inches, what is the perimeter of the rectangle?



- a. 7 inches
b. 12 inches
c. 14 inches
d. 10 inches

First Name _____ Middle Initial ____ . Last Initial ____ .

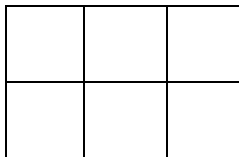
Date _____ Age _____ Gender (circle one): M F

Math Can Take You Places After School **Student Post-Test**

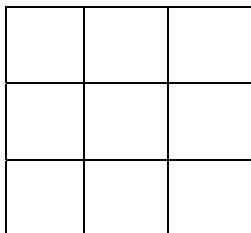
Directions: Circle the correct answer for each question.

Measurement: *Tall Order*

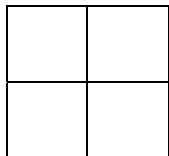
A



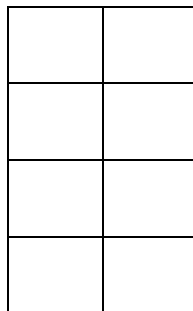
C



B



D



1. Which rectangle above has an area of 6 square units?

- a. Rectangle D
- b. Rectangle C
- c. Rectangle B
- d. Rectangle A

2. Which rectangle above has a perimeter of 8 units?

- a. Rectangle D
- b. Rectangle C
- c. Rectangle B
- d. Rectangle A

3. Which rectangle above has an area of 4 units?

- a. Rectangle D
- b. Rectangle C
- c. Rectangle B
- d. Rectangle A

First Name _____ Middle Initial ____ . Last Initial ____ .

Date _____ Age _____ Gender (circle one): M F

Math Can Take You Places After School **Student Post-Test**

Directions: Circle the correct answer for each question.

Measurement: *Weigh Too Much*

1. A flashlight weighs about how many pounds?

- a. 500 lbs. b. 2 lbs. c. 50 lbs. d. 200 lbs.

2. Which of the objects below weighs less than 10 pounds?

- a. a large cooler filled with ice and sodas
b. a large tent
c. a backpack full of books
d. 10 CDs

3. If you guess that an object weighs 12 pounds, but it really weighs 18, which number sentence below would you use to figure out the difference between your guess and the actual weight?

- a. $12 - 18 = \underline{\quad}$
b. $18 - 12 = \underline{\quad}$
c. $12 + 18 = \underline{\quad}$
d. $18 + 12 = \underline{\quad}$

First Name _____ Middle Initial ____ . Last Initial ____.

Date _____ Age _____ Gender (circle one): M F

Math Can Take You Places After School **Student Post-Test**

Directions: Circle the correct answer for each question.

Measurement: *World Traveler Relay*

1. Your parents rent a car while on vacation in Jamaica. One gallon of gas will let you drive 25 miles. How far can you drive on seven gallons of gas?
 - a. 90 miles
 - b. 225 miles
 - c. 175 miles
 - d. 115 miles
2. About how many inches long is this sheet of paper?
 - a. 11 inches
 - b. 20 inches
 - c. 23 inches
 - d. 6 inches
3. You and a friend pack a gallon and a half of water on a mountain bike ride. How many quarts of water would that be (Remember: 1 gallon=4 quarts)
 - a. 10 quarts
 - b. 8 quarts
 - c. 4 quarts
 - d. 6 quarts

First Name _____ Middle Initial _____. Last Initial _____.

Date _____ Age _____ Gender (circle one): M F

Math Can Take You Places After School Student Post-Test

Directions: Circle the correct answer for each question.

Problem Solving: *Check It Out*

1. Pretend you have \$150 to spend at the Shopping Mart Electronics store. The prices of the items you want are listed in the table below. Which combination of items could you possibly buy without going over your \$150?

Item	Price
New CD	\$15.99
DVD Player	\$50.00
Arcade Game CD	\$75.00
MP3 Player	\$149.50
Flat Screen TV	\$275.75

- a. Three arcade game CDs
b. Two DVD players and 5 new CDs
c. An MP3 player and a new CD
d. Four new CDs and an arcade game CD
2. Which combination of items could you possibly buy without going over \$300?
a. An MP3 player and two DVD players
b. Twenty new CDs
c. A flat screen TV and a DVD player
d. Five arcade game CDs
3. Pretend you have \$500 to spend. If you buy a shirt for \$35, a TV for \$150 and a DVD for \$20, what would you need to do to figure out how much money you had left to spend?
a. $\$500 + \$35 = \$465$.
 $\$465 - \$150 - \$20 = \text{Total left}$
b. $\$500 - \$35 - \$150 - \$20 = \text{Total left}$
c. $\$35 - \$150 - \$20 - \$500 = \text{Total left}$
d. $\$500 + \$35 + \$150 + \$20 = \text{Total left}$

First Name _____ Middle Initial _____. Last Initial _____.

Date _____ Age _____ Gender (circle one): M F

Math Can Take You Places After School Student Post-Test

Directions: Circle the correct answer for each question.

Problem Solving: *Dream Design or Make Room*

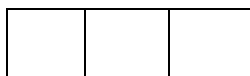
(Use this test for either of these activities. Students only need to take this test once.)

1. Pretend you are designing your dream room on grid paper. A real dresser is 3 feet long and 2 feet wide. Which picture below looks like the dresser you would draw on your grid paper if 1 square unit = 1 square foot?

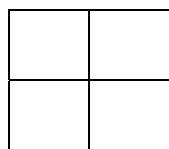
a.



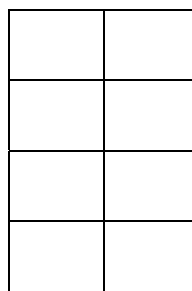
c.



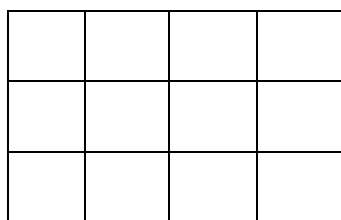
b.



d.



2. Pretend that you drew the shape below as your desk on your grid paper for your dream room. If 1 square unit = 1 square foot, about how long and wide would the real desk be?



- a. 3 feet long and 5 feet wide
b. 4 feet long and 3 feet wide
c. 5 feet long and 2 feet wide
d. 4 feet long and 4 feet wide
3. When would making a plan using real measurements on grid paper be useful in real life?
- a. When you're figuring out how to spend your allowance money.
b. When you're baking a cake.
c. When you're planning a vacation trip with your family.
d. When you're designing a garden.

First Name _____ Middle Initial ____ . Last Initial ____ .

Date _____ Age _____ Gender (circle one): M F

Math Can Take You Places After School **Student Post-Test**

Directions: Circle the correct answer for each question.

Problem Solving: *Math Physical Challenge*

There is no pre-/post-test for this activity.

First Name _____ Middle Initial ____ . Last Initial ____ .

Date _____ Age _____ Gender (circle one): M F

Math Can Take You Places After School Student Post-Test

Directions: Circle the correct answer for each question.

Problem Solving: *Party Time*

1. Below is a list of steps you would need to take if you were planning a birthday party for your grandmother. In which order should you do these steps to make things easiest?

- A: Buy the party decorations and send the invitations to the guests.
- B: Decide what type of party and what colors to use to decorate.
- C: Pick up the cooked chicken wings from the store.
- D: Ask your Mom how much money you can spend.

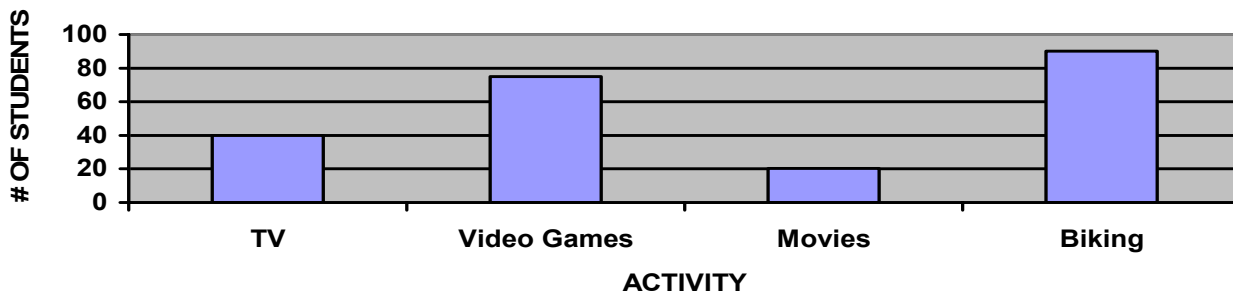
- a. B, C, D, A
- b. C, A, D, B
- c. D, B, A, C
- d. A, B, C, D

2. Pretend that your class is trying to plan a party, but can't agree on what kind of party to have. What could you do to most fairly choose the type of party you plan?

- a. Just have a fiesta like you did last year.
- b. Let the oldest student decide.
- c. Let the students with the best grades decide.
- d. Take a vote and have the kind of party that the most people choose.

3. Looking at the graph below, which of the following sentences are probably true?

Students' Favorite Activities



- a. The students almost like going to the movies as much as they like riding their bikes.
- b. Most students would rather be biking than playing video games.
- c. The students almost like going to the movies as much as they like riding their bikes.
- d. Most students don't like playing video games.

First Name _____ Middle Initial ____ . Last Initial ____ .

Date _____ Age _____ Gender (circle one): M F

Math Can Take You Places After School **Student Post-Test**

Directions: Circle the correct answer for each question.

Problem Solving: *Scrambled Digits*

There is no pre-/post-test for this activity.

First Name _____ Middle Initial ____ . Last Initial ____ .

Date _____ Age _____ Gender (circle one): M F

Math Can Take You Places After School **Student Post-Test**

Directions: Circle the correct answer for each question.

Problem Solving: *Time Slot*

1. Tommy is taller than Sarah. Brad is the shortest. Kendra is taller than Tommy. Which of the choices below ranks them in order from shortest to tallest?

- a. Brad, Sarah, Kendra, Tommy
- b. Brad, Sarah, Tommy, Kendra
- c. Brad, Kendra, Tommy, Sarah
- d. Brad, Tommy, Sarah, Kendra

2. Jarred is 14 years old. Calvin is two years older than Sheila. Sheila is half Jarred's age. How old are Calvin and Sheila?

- a. Calvin is 14 years old. Sheila is 10.
- b. Calvin is 13 years old. Sheila is 8.
- c. Calvin is 9 years old. Sheila is 7.
- d. Calvin is 11 years old. Sheila is 6.

3. Shawn lives next door to Roberto, but not next to Jasmine. Jasmine lives in the very first house. Which of the choices lists the students' houses in order of the first house to the last?

- a. Jasmine, Roberto, Shawn
- b. Jasmine, Shawn, Roberto
- c. Roberto, Shawn, Jasmine
- d. Shawn, Roberto, Jasmine

First Name _____ Middle Initial _____. Last Initial _____.

Date _____ Age _____ Gender (circle one): M F

Math Can Take You Places After School **Student Post-Test**

Directions: Circle the correct answer for each question.

Patterns: *Name That Pattern*

The drive from your house to the movies is ten minutes long only if all of the traffic lights are green. Each red light lasts two minutes.

1. How long will it take you to get to the movies if you have to stop at one red light?
 - a. 8 minutes
 - b. 10 minutes
 - c. 12 minutes
 - d. 14 minutes

2. At two red lights?
 - a. 16 minutes
 - b. 14 minutes
 - c. 12 minutes
 - d. 10 minutes

3. At four red lights?
 - a. 18 minutes
 - b. 16 minutes
 - c. 14 minutes
 - d. 12 minutes

First Name _____ Middle Initial _____. Last Initial _____.

Date _____ Age _____ Gender (circle one): M F

Math Can Take You Places After School Student Post-Test

Directions: Circle the correct answer for each question.

Patterns: *Out of This World*

1. You are at the airport in Canada and decide to buy your friend a souvenir. If one U.S. dollar equals about 1.25 Canadian dollars, how much Canadian money can you get in exchange for 3 U.S. dollars?

- a. \$2.50
- b. \$1.25
- c. \$3.75
- d. \$5.00

2. What number would complete the chart below if 1 U.S. Dollar = 2 Saturn Units?

U.S Dollar	Saturn Units
1	2
3	6
6	12
9	18
12	_____

- a. 26
- b. 16
- c. 20
- d. 24

3. What would you do to figure out how many Saturn Units equaled 25 U.S. dollars if 1 U.S. Dollar = 2 Saturn Units?

- a. 50 Saturn Units x 25 U.S. Dollars = 1,250 Saturn Units
- b. 50 Saturn Units x 2 U.S. Dollars = 100 Saturn Units
- c. 1 Saturn Unit x 25 U.S. Dollars = 25 Saturn Units
- d. 2 Saturn Units x 25 U.S. Dollars = 50 Saturn Units

First Name _____ Middle Initial ____ . Last Initial ____ .

Date _____ Age _____ Gender (circle one): M F

Math Can Take You Places After School **Student Post-Test**

Directions: Circle the correct answer for each question.

Patterns: *Pattern Pull*

Fill in the next numbers in the patterns below:

1.)

21, 19, 17, __, __

- a. 15, 13
- b. 17, 15
- c. 13, 10
- d. 14, 12

2.)

1, 2, 2, 3, 3, 3, 4, __, __

- a. 5, 5
- b. 4, 4
- c. 4, 5
- d. 5, 6

3.)

1,000, 900, 800, __

- a. 600
- b. 500
- c. 800
- d. 700

First Name _____ Middle Initial ____ . Last Initial ____.

Date _____ Age _____ Gender (circle one): M F

Math Can Take You Places After School Student Post-Test

Directions: Circle the correct answer for each question.

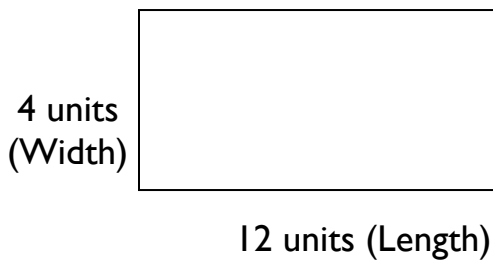
Patterns: *Picture This*

1. Which choice below best fills in the missing numbers from the chart below?

	<i>Original size</i>	<i>Doubled its size</i>	<i>Triple its size</i>
Length		6	9
Width		4	6

- a. Length is 1 unit. Width is 3 units.
- b. Length is 12 units. Width is 8 units.
- c. Length is 4 units. Width is 6 units.
- d. Length is 3 units. Width is 2 units.

2.



What would the new measurements be for this rectangle if you doubled its length and width?

- a. Length= 24 units and Width=8 units
 - b. Length=6 units and Width=8 units
 - c. Length=12units and Width=4 units
 - d. Length=2 units and Width=6 units
3. What would the new measurements be for this rectangle if you cut its length and width by half?
- a. Length= 12 units and Width=4 units
 - b. Length=6 units and Width=2 units
 - c. Length=2 units and Width=6 units
 - d. Length=24 units and Width=8 units

First Name _____ Middle Initial _____. Last Initial _____.

Date _____ Age _____ Gender (circle one): M F

Math Can Take You Places After School Student Post-Test

Directions: Circle the correct answer for each question.

Reasonableness: Away We Go

Pretend you are booking airline flights for you and your two parents to go to Los Angeles, California. The chart below lists the prices for the flights.

Airline	Cost of the Flight for One Person
Northeast Airlines	\$445
Budget Airline	\$180
United American Airline	\$211
Deala Airlines	\$322

1. What is the most money you could spend on the airline tickets for all of you?
 - a. \$966
 - b. \$1,335
 - c. \$1,215
 - d. \$1,050

2. What is the least amount of money you could spend on the tickets for all of you?
 - a. \$498
 - b. \$709
 - c. \$540
 - d. \$677

Pretend you are booking a hotel for you and your parents in Los Angeles, California. The chart below lists the prices for the different hotels.

Hotel Name	Cost of the Room Each Night
Lexington Hotel	\$116 per night
L.A. Style Hotel	\$275 per night
The T Hotel	\$174 per night
Siesta Suites Hotel	\$108 per night

3. Which choice below shows the range of the least and the most money you could spend on the hotel room for your four-night stay?
 - a. \$464-\$696
 - b. \$432-\$1,100
 - c. \$108-\$275
 - d. \$696-\$1,100

First Name _____ Middle Initial ____ . Last Initial ____.

Date _____ Age _____ Gender (circle one): M F

Math Can Take You Places After School Student Post-Test

Directions: Circle the correct answer for each question.

Reasonableness: *Estimation Math Libs*

1. A nurse bought two boxes of band-aids, one box of orange and one box of purple ones. Each box contained 112 band-aids. Which is the best estimate for the total number of band-aids the nurse bought?

- a. 70 b. 140 c. 200 d. 190

2. Tina likes to drive to the lake every Saturday and Sunday. The lake is exactly 247 miles away. If Tina drives to and from the lake on both days, which is the best estimate of the total number of miles she drives in one weekend?

- a. 400 b. 600 c. 800 d. 1,000

3. Ashley and her friend Monica really enjoy playing basketball. The table below shows the number of points each girl scored during the first three games

	Ashley	Monica
Game #1	16	16
Game #2	7	13
Game #3	12	4

About how many points total did both girls score during the first three games?

- a. 85 b. 70 c. 90 d. 100

First Name _____ Middle Initial ____ . Last Initial ____.

Date _____ Age _____ Gender (circle one): M F

Math Can Take You Places After School Student Post-Test

Directions: Circle the correct answer for each question.

Reasonableness: *Fully Loaded*

Pretend you are buying a car stereo and rims for your new car. The chart below lists the prices for stereos and rims. You can purchase either item from any store listed.

Auto Web Site	Stereo		Rims	
	<i>Lowest Price</i>	<i>Highest Price</i>	<i>Lowest Price</i>	<i>Highest Price</i>
D. Tail's Auto	\$99.76	\$875.00	\$499.90	\$4,003.90
Low Price Riders Auto Shop	\$78.44	\$710.25	\$456.00	\$4,000.00
Bumper's Car Parts	\$102.75	\$599.99	\$505.35	\$4,125.80
Shiny Sheen Auto Additions	\$83.50	\$687.15	\$450.50	\$3,995.33

1. According to the chart, what is the range of prices for the cost of a stereo?
 - a. \$78.44-\$875.00
 - b. \$102.75-\$599.99
 - c. \$99.76-\$687.15
 - d. \$83.50-\$710.25

2. What is the most money you could spend on both the stereo and the rims combined?
 - a. \$5,000.80
 - b. \$4,836.05
 - c. \$4,125.80
 - d. \$5,342.99

3. What is the least amount of money you could spend on both a stereo and rims?
 - a. \$583.40
 - b. \$528.94
 - c. \$550.50
 - d. \$513.85

First Name _____ Middle Initial _____. Last Initial _____.

Date _____ Age _____ Gender (circle one): M F

Math Can Take You Places After School **Student Post-Test**

Directions: Circle the correct answer for each question.

Reasonableness: *Pop It Now Stop It*

1. If you use 12 Lego blocks to make a rectangle, what is the volume of that rectangle in Lego blocks?
 - a. 18 Lego blocks
 - b. 12 Lego blocks
 - c. 8 Lego blocks
 - d. 6 Lego blocks

2. If you use 6 Lego blocks to make a rectangle, what is the volume of that rectangle in Lego blocks?
 - a. 18 Lego blocks
 - b. 12 Lego blocks
 - c. 8 Lego blocks
 - d. 6 Lego blocks

3. If you use 18 Lego blocks to make a rectangle, what is the volume of that rectangle in Lego blocks?
 - a. 18 Lego blocks
 - b. 12 Lego blocks
 - c. 8 Lego blocks
 - d. 6 Lego blocks

First Name _____ Middle Initial ____ . Last Initial ____ .

Date _____ Age _____ Gender (circle one): M F

Math Can Take You Places After School **Student Post-Test**

Directions: Circle the correct answer for each question.

Reasonableness: *Golf Game*

There is no pre-/post-test for this activity.

First Name _____ Middle Initial ____ . Last Initial ____.

Date _____ Age _____ Gender (circle one): M F

Math Can Take You Places After School **Student Post-Test**

Directions: Circle the correct answer for each question.

Reasonableness: *Total Trekkers*

1. What could you do with 10 and 710 to get the **lowest** answer possible?
 - a. Multiply them
 - b. Divide 710 by 10
 - c. Add them together
 - d. Subtract 10 from 710

2. What could you do to with 10 and 710 to get the **highest** answer possible?
 - a. Multiply them
 - b. Divide 710 by 10
 - c. Add them together
 - d. Subtract 10 from 710

3. What could you do with 15 and 300 to get the **lowest** number possible?
 - a. Multiply them
 - b. Divide 300 by 15
 - c. Add them together
 - d. Subtract 15 from 300

First Name _____ Middle Initial ____ . Last Initial ____ .

Date _____ Age _____ Gender (circle one): M F

Math Can Take You Places After School **Student Post-Test**

Directions: Circle the correct answer for each question.

Equivalency: *Comforts of Home*

1. What is $\frac{3}{4}$ of a \$1.00?
 - a. \$1.00
 - b. \$.50
 - c. \$.75
 - d. \$.25

2. What is $\frac{7}{10}$ of a \$1.00?
 - a. \$.07
 - b. \$50
 - c. \$1.10
 - d. \$.70

3. \$.90 is what fraction of a dollar?
 - a. $\frac{2}{3}$
 - b. $\frac{9}{10}$
 - c. $\frac{1}{4}$
 - d. $\frac{1}{2}$

First Name _____ Middle Initial ____ . Last Initial ____ .

Date _____ Age _____ Gender (circle one): M F

Math Can Take You Places After School **Student Post-Test**

Directions: Circle the correct answer for each question.

Equivalency: *Lowest Score*

1. If you add, subtract, multiply or divide 4 and 8, which number is NOT a possible solution?

- a. 32
- b. 49
- c. 4
- d. 12

2. If you add, subtract, multiply or divide 3 and 12, which number is NOT a possible solution?

- a. 44
- b. 4
- c. 36
- d. 9

3. If you add, subtract, multiply or divide 7 and 21, which number is NOT a possible solution?

- a. 3
- b. 147
- c. 27
- d. 14

First Name _____ Middle Initial _____. Last Initial _____.

Date _____ Age _____ Gender (circle one): M F

Math Can Take You Places After School **Student Post-Test**

Directions: Circle the correct answer for each question.

Equivalency: *Just Cruising*

1. Pretend you are on a cruise ship that has run out of fuel and all of the passengers need to be taken to safety. 39 boats can take all the passengers from the ship if there are 12 in each boat. How many passengers were on the ship?

- a. 468
- b. 402
- c. 415
- d. 476

2. Pretend that six rescue boats are carrying 15 passengers each. How many total passengers are there in all six boats?

- a. 75
- b. 21
- c. 90
- d. 54

3. 183 passengers are on the ship. They have only three rescue boats. How many passengers will have to travel in each boat?

- a. 549
- b. 61
- c. 75
- d. 436

First Name _____ Middle Initial ____ . Last Initial ____ .

Date _____ Age _____ Gender (circle one): M F

Math Can Take You Places After School **Student Post-Test**

Directions: Circle the correct answer for each question.

Equivalency: *Let's Make Ice Cream*

1. Two cups of flour equals how many tablespoons? (Remember: 1 cup = 16 tablespoons)
 - a. 48 tablespoons
 - b. 16 tablespoons
 - c. 24 tablespoons
 - d. 32 tablespoons

2. How many $\frac{1}{4}$ cup scoops of sugar will equal to one cup of sugar?
 - a. 2
 - b. 4
 - c. 6
 - d. 8

3. Four cups of milk equals how many $\frac{1}{2}$ cups of milk?
 - a. 6
 - b. 8
 - c. 10
 - d. 12

First Name _____ Middle Initial ____ . Last Initial ____ .

Date _____ Age _____ Gender (circle one): M F

Math Can Take You Places After School **Student Post-Test**

Directions: Circle the correct answer for each question.

Equivalency: *Riddle Me This*

Choose the number sentence below that matches the following word problem:

1. The Zogs have only 57 miles to fly before they get home to their planet, Pluto. They have already flown 315 miles today. How far away were they from home when the trip started?

- a. $315+57=$ _____
- b. $315\div$ _____ $=57$
- c. $315\times$ _____ $=57$
- d. $315-57=$ _____

2. Kira is only \$57 short of her goal of saving \$372 for her class space trip to the moon. How much money has she saved for the trip?

- a. $372 -57=$ _____
- b. $372+57=$ _____
- c. $372 \times$ _____ $=57$
- d. $372\div$ _____ $=57$

3. Q-bert was promised \$315 in pledges for the Save-the-Martians fund. So far he has collected \$57 from his mom and dad. How much money does Q-bert still have to collect?

- a. $315+57=$ _____
- b. $315\div$ _____ $=57$
- c. _____ $+57=315$
- d. $315\times$ _____ $=57$

Math Can Take You Places After School
Student Post-Test
ANSWER KEY

Measurement:

Go Figure

- 1. d
- 2. a
- 3. b

Measure Up

- 1. b
- 2. c
- 3. c

Perimeter Kick

- 1. d
- 2. a
- 3. c

Tall Order

- 1. d
- 2. c
- 3. c

Weight Too Much

- 1. b
- 2. d
- 3. b

World Traveler Relay

- 1. c
- 2. a
- 3. d

Problem Solving:

Check It Out

- 1. d
- 2. a
- 3. b

*Dream Design or
Make Room*

- 1. a
- 2. b
- 3. d

Math Physical

Challenge

There is no pre-
/post-test for this
activity.

Party Time

- 1. c
- 2. d
- 3. b

Scrambled Digits

There is no pre-
/post-test for this
activity.

Time Slot

- 1. b
- 2. c
- 3. a

Patterns:

Name That Pattern

- 1. c
- 2. b
- 3. a

Out of This World

- 1. c
- 2. d
- 3. d

Pattern Pull

- 1. a
- 2. b
- 3. d

Picture This

- 1. d
- 2. a

- 3. b

Reasonableness:

Away We Go

- 1. b
- 2. c
- 3. b

Estimation Math Libs

- 1. c
- 2. d
- 3. b

Fully Loaded

- 1. a
- 2. a
- 3. b

Pop It, Now Stop It

- 1. b
- 2. d
- 3. a

The Golf Game

There is no pre-
/post-test for this
activity.

Total Trekkers

- 1. b
- 2. a
- 3. b

Equivalency:

Comforts of Home

- 1. c
- 2. d
- 3. b

Lowest Score

- 1. b
- 2. a
- 3. c

Just Cruising

- 1. a
- 2. c
- 3. b

Let's Make Ice Cream

- 1. d
- 2. b
- 3. b

Riddle Me This

- 1. a
- 2. a
- 3. c