In-Class Game

Measurement Relay

Get Ready!

This game is for the entire class.

- Measurement Relay master, p. 36
- Measurement Relay Cards masters, pp. 37–38
- index cards 
- scissors 
- glue  or tape 

Get Set!

Make a copy of the Measurement Relay master on page 36 for each student in the class. Make one copy of the Measurement Relay Cards masters on pages 37 and 38. Cut out the cards and glue or tape them to index cards.

Go!

- Shuffle the deck of index cards and pass out the cards until each student has at least 1 card and all of the cards have been distributed.
- Each card tells the student what they have and what they are looking for. Allow some time for students to read their cards and understand what they are looking for.
- When students are ready, have them stand and begin trying to find the person whose card matches theirs. Point out that all they are allowed to tell their fellow students is what information is on the card.
- After the first round, the game can be repeated by having each student pass his or her card(s) to the third person on their right to ensure that students receive cards that they have not yet seen.

Name_____ Date_____

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Work with your classmates.

- Your teacher will shuffle the deck and pass out the cards. You will receive at least 1 card.
- Each card tells you what you have and what you are looking for. Take some time to read your cards and understand what you are looking for.
- When your teacher tells you to begin, stand and begin trying to find the person whose card matches yours. All you are allowed to tell your classmates is what information is on the card.
- Your teacher may want you to repeat this game. Pass your card(s) to the third person on your right to ensure that you receive cards that you have not yet seen.

In-Class Game

Measurement Relay Cards A (Lesson 12-6)

I have 12,000 milligrams. Who has a unit of measure for mass?	I have grams (g). Who has a quart?
I have 32 fluid ounces. Who has the basic unit of measure for length in the metric system?	I have a meter (m). Who has 5 yards?
I have 15 feet. Who has the metric unit of length that you would use to measure the distance to school from home?	I have kilometers (km). Who has the sum of 4 h 30 min 50 s and 1 h 45 min 18 s?
I have 6 h 16 min 8 s. Who has 18 feet?	I have 6 yards. Who has a centimeter?
I have 0.01 meter. Who has the difference of 5 h 20 min 40 s and 1 h 45 min 28 s?	I have 3 h 35 min 12 s. Who has the metric unit of length you would use to measure the thickness of a pen tip?
I have a millimeter. Who has the metric unit of capacity that you would use to measure the amount of ink in a pen?	I have a milliliter (mL). Who has 10.4 grams?
I have 10,400 milligrams. Who has 40 fluid ounces?	I have 5 cups. Who has 300 feet?
I have 100 yards. Who has 0.75 meters?	I have 75 centimeters. Who has 72 inches?
I have 2 yards. Who has the basic unit of capacity in the metric system?	I have a liter. Who has the number you would multiply by to change meters to centimeters?

In-Class Game

Measurement Relay Cards B (Lesson 12-6)

I have 100. Who has 500 milliliters?	I have 0.5 liter. Who has the number you would divide by to change grams to kilograms?
I have 1,000. Who has the number of 8-ounce servings in a gallon of milk?	I have 16. Who has the operation used to change from a smaller unit of measure to a larger one?
I have division. Who has $3\frac{1}{2}$ pounds?	I have 56 ounces. Who has the sum of 1 h 42 min 10 s and 3 h 28 min 12 s?
I have 5 h 10 min 22 s. Who has the weight in tons of a 200,000 pound blue whale?	I have 100 tons. Who has the elapsed time from 6:20 P.M. to 1:40 A.M.?
I have 7 h 20 min. Who has 4 miles?	I have 21,120 feet. Who has $\frac{1}{2}$ quart?
I have 16 fluid ounces. Who has the elapsed time of a movie that starts at 7:55 P.M. and ends at 9:27 P.M.?	I have 1 h 32 min. Who has the weight in grams of a mink that weighs 0.7 kilograms?
I have 700 grams. Who has the abbreviation for meters?	I have m. Who has the length in centimeters of a cane frog that is 238 millimeters long?
I have 23.8 centimeters. Who has the number of 8-inch pieces that can be cut from 4 feet of rope?	I have 6. Who has the number of half-cup servings of ice cream in a two-gallon container?
I have 64. Who has the time that a 1 hour 48 minute movie will end if it begins at 2:45 P.M.?	I have 4:33 P.M. Who has the weight in milligrams of an Oldfield mouse that weighs 12 grams?