

MEASUREMENT

MATH CENTERS

Zap It! Craft Stick Container Label
Cut out and adhere to your container holding the Zap It! Sticks.

**ZAP IT!
Sticks**

5 quarts = ___ pt

32 quarts = ___ gal

6 miles = ___ ft

13 feet = ___ in

Roll and Answer
Let's Convert Measurements!

Roll the dice. Find the problem next to the number you rolled. Solve it and check with answer key. If it is correct, circle the problem number. If it is not correct, erase your answer and do not circle the problem number. If you roll a problem that is already circled, you lose your turn. The first person to circle all the problem numbers is the winner!

2	10 feet = ___ inches
3	9 cups = ___ fl. ounces
4	780 mm = ___ centimeters
5	6,000 mg = ___ grams
6	9 miles = ___ feet
7	40 cups = ___ pints
8	12 pounds = ___ ounces
9	92 km = ___ miles

TRUE

FALSE

ZAP IT!
Convert It!

6 km = 6,000 meters

72 inches = 2 yards

12 inches = 1 ___	16 ounces = 1 ___	8 fl. oz. = 1 ___
3 feet = 1 ___	2,000 pounds = 1 ___	2 cups = 1 ___
5,280 feet = 1 ___		2 pints = 1 ___
1,760 yards = 1 ___		4 quarts = 1 ___

MEASUREMENT MATH CENTERS

Measurement True or False?

TRUE

FALSE

TRUE OR FALSE? HOW TO PLAY

1. Look at each equation. Using the measurement conversion process, change one side of the equation so it is in the same unit of measurement.

MEASUREMENT TRUE OR FALSE? ANSWER RECORDING SHEET

NAME: _____ DATE: _____
Directions: Write the number of each card in the correct column. If it is false, rewrite the equation so it is correct.

TRUE	FALSE

6
 $6 \text{ km} = 6,000 \text{ m}$

5
 $72 \text{ inches} = 6 \text{ feet}$

17
 $900 \text{ centimeters} = 9 \text{ meters}$

18
 $12 \text{ cups} = 3 \text{ quarts}$

MEASUREMENT MATH CENTERS

ZAP IT! CONVERT IT!

Zap It! Craft Stick Container Label

Cut out and adhere to your container holding the Zap It! Sticks.

**ZAP IT!
Sticks**

**ZAP IT!
Convert It!**

13 feet = ___ in

ZAP IT! POINT CARDS

Cut apart Zap-It! point values. Either place in a paper bag for drawing randomly, or tape to craft sticks and place upside down in a container.

1	1	1	1	1
2	2	2	2	2

ZAP IT! CONVERT IT!

ANSWER KEY

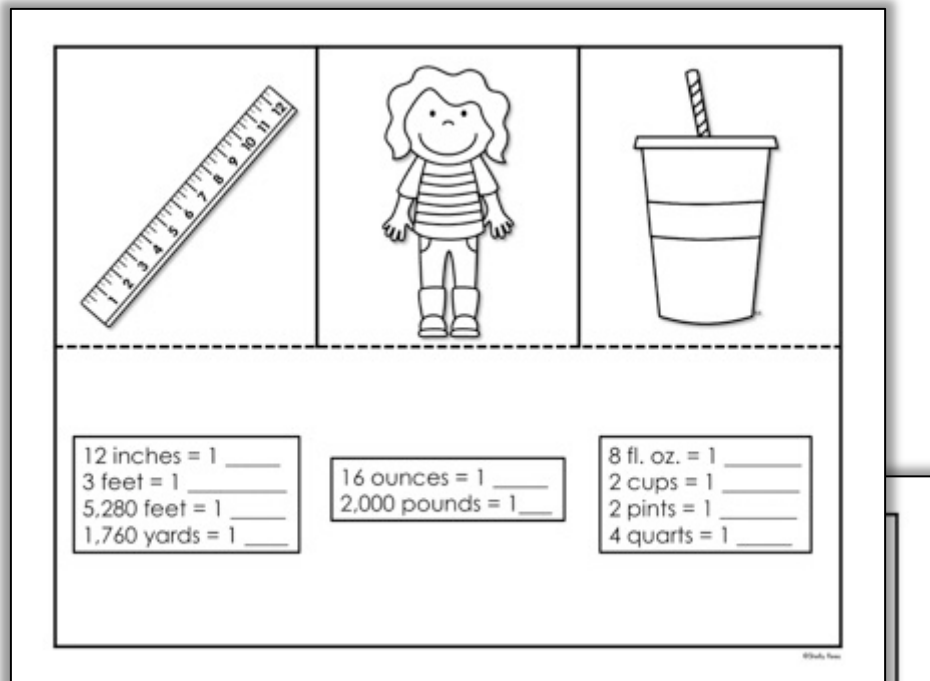
- | | |
|----------------|-----------------------|
| 1. 3,1680 feet | 13. 8,800 yards |
| 2. 10 pints | 14. 8l feet |
| 3. 8 gallons | 15. 7,000 milliliters |
| 4. 156 inches | 16. 50 decimeters |

ZAP IT! CONVERT IT! HOW TO PLAY

1. Shuffle game cards and place in a pile.
2. Determine which player goes first, then all other players go in order clockwise.
3. On your turn, draw a game card. Solve it (all players could solve it for extra practice) and give your answer. Other players check the answer, using the answer key.
4. If you are right, you get to draw a stick from the Zap It! can. If you are incorrect, you do not get to take a stick.
5. If the stick has a number on it, you earn that many points. (Keep the stick until the end of the game.) If the stick says "Zap It!", you lose ALL your point sticks and have to put them back in the can.
6. Play ends when you have gone through all the game cards in the pile. The player with the most points is the Zap It! winner!

MEASUREMENT MATH CENTERS

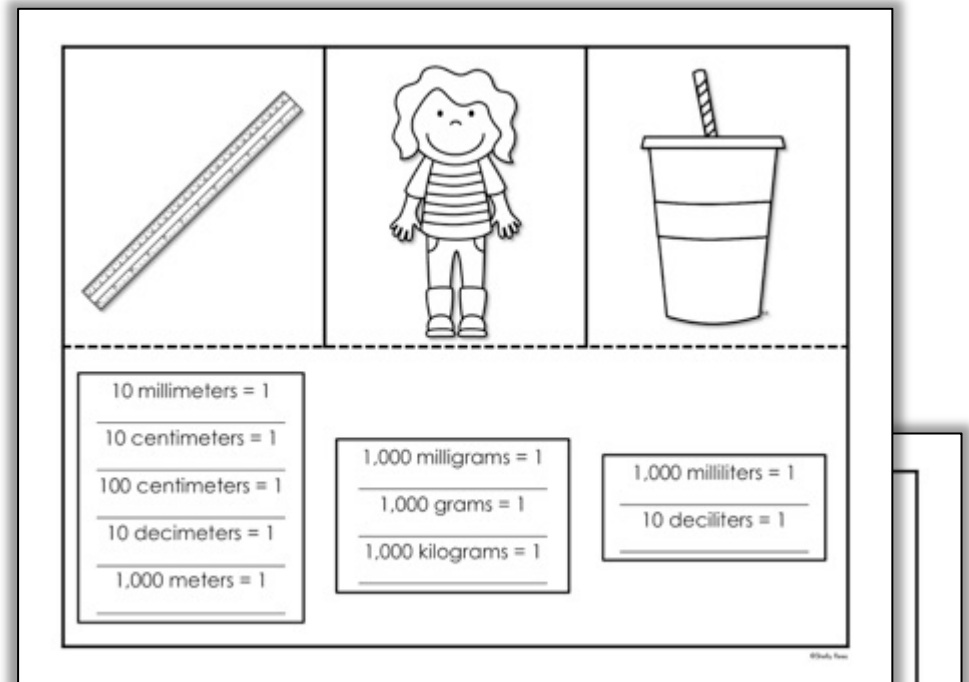
Interactive Notebook Foldables



A foldable for customary units. The top row features three illustrations: a ruler, a girl, and a cup. Below the fold line are three boxes containing conversion facts:

12 inches = 1 _____ 3 feet = 1 _____ 5,280 feet = 1 _____ 1,760 yards = 1 _____	16 ounces = 1 _____ 2,000 pounds = 1 _____	8 fl. oz. = 1 _____ 2 cups = 1 _____ 2 pints = 1 _____ 4 quarts = 1 _____
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Customary Units of _____	Customary Units of _____	Customary Units of _____
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A foldable for metric units. The top row features three illustrations: a ruler, a girl, and a cup. Below the fold line are three boxes containing conversion facts:

10 millimeters = 1 _____ 10 centimeters = 1 _____ 100 centimeters = 1 _____ 10 decimeters = 1 _____ 1,000 meters = 1 _____	1,000 milligrams = 1 _____ 1,000 grams = 1 _____ 1,000 kilograms = 1 _____	1,000 milliliters = 1 _____ 10 deciliters = 1 _____
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Metric Units of _____	Metric Units of _____	Metric Units of _____
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MEASUREMENT MATH CENTERS

ROLL and ANSWER

 **Roll and Answer** 
Let's Convert Measurements!

ANSWER KEY

2	10 feet = <u>120</u> inches
3	9 cups = <u>72</u> fl. ounces
4	780 mm = <u>78</u> centimeters
5	6,000 mg = <u>6</u> grams
6	9 miles = <u>47,520</u> feet
7	40 cups = <u>20</u> pints
8	12 pounds = <u>192</u> ounces
9	92 km = <u>92,000</u> meters
10	3 miles = <u>5,280</u> yards
11	9 dm = <u>90</u> centimeters
12	8 tons = <u>16,000</u> pounds

 **Roll and Answer** 
Let's Convert Measurements!

Roll the dice. Find the problem next to the number you rolled. Solve it and check with answer key. If it is correct, circle the problem number. If it is not correct, erase your answer and do not circle the problem number. If you roll a problem that is already circled, you lose your turn. The first person to circle all the problem numbers is the winner!

2	10 feet = ____ inches
3	9 cups = ____ fl. ounces
4	780 mm = ____ centimeters
5	6,000 mg = ____ grams
6	9 miles = ____ feet
7	40 cups = ____ pints
8	12 pounds = ____ ounces
9	92 km = ____ meters
10	3 miles = ____ yards
11	9 dm = ____ centimeters
12	8 tons = ____ pounds

