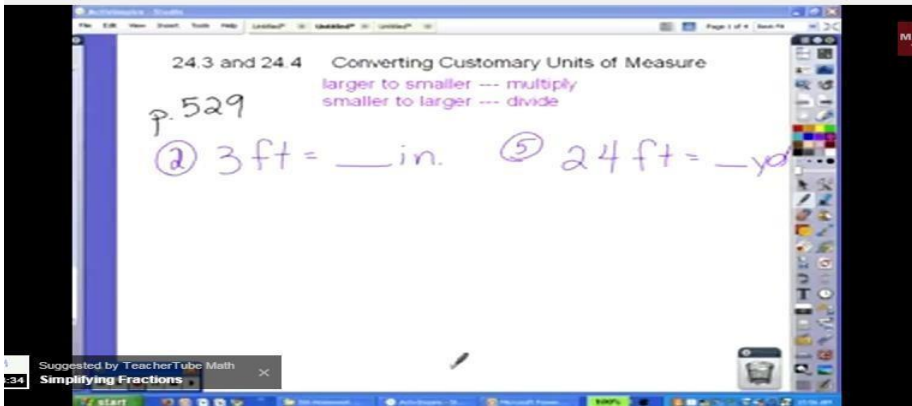


Name _____

MATH VIRTUAL LESSON 2

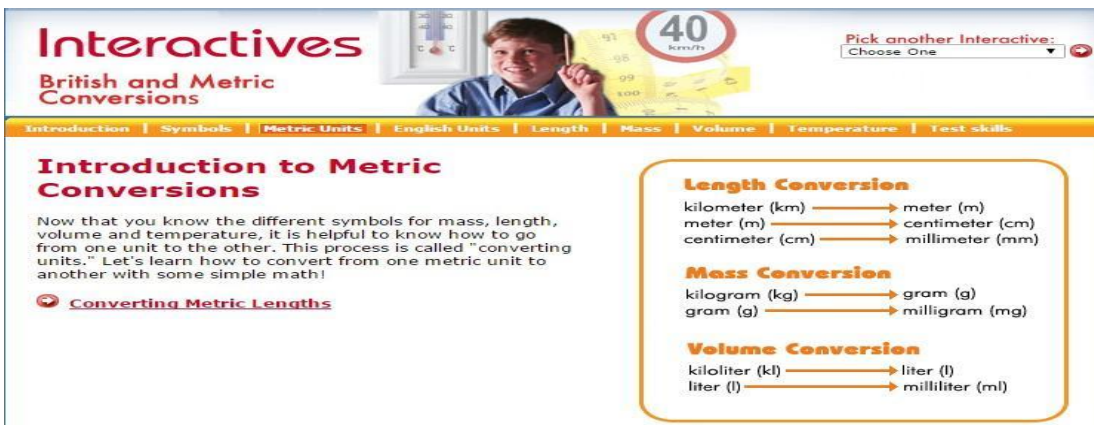
Step 1: Watch length conversion video with practice problems. They are posted on the Classroom Google site and the class sites (www.NanceNinjas.com and www.tslagle.weebly.com).

<https://www.youtube.com/watch?v=m-wHF5571xc>



Step 2: Guided Practice. Click on the link and practice using the interactive activity.

<http://www.learner.org/interactives/metric/length.html>



Interactives
British and Metric Conversions

Pick another Interactive: Choose One

Introduction | Symbols | Metric Units | English Units | Length | Mass | Volume | Temperature | Test skills

Introduction to Metric Conversions

Now that you know the different symbols for mass, length, volume and temperature, it is helpful to know how to go from one unit to the other. This process is called "converting units." Let's learn how to convert from one metric unit to another with some simple math!

Converting Metric Lengths

Length Conversion

kilometer (km)	→	meter (m)
meter (m)	→	centimeter (cm)
centimeter (cm)	→	millimeter (mm)

Mass Conversion

kilogram (kg)	→	gram (g)
gram (g)	→	milligram (mg)

Volume Conversion

kiloliter (kl)	→	liter (l)
liter (l)	→	milliliter (ml)

Step 3: Complete the conversion activities on the following pages and return to your teacher by Monday, April 4th, 2016.

Name _____

1 foot = 12 inches

1 yard = 3 feet

1 mile = 5,280 feet

1 mile = 1,760 yards

Convert each measurement to feet.

36 inches	12 inches	48 inches	72 inches
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Convert each measurement to yards.

6 feet	12 feet	27 feet	36 feet
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Convert each measurement to inches.

4 feet	12 feet	8 feet	5 feet
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Convert each measurement to feet.

6 yards	2 yards	7 yards	5 yards
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Convert each measurement.

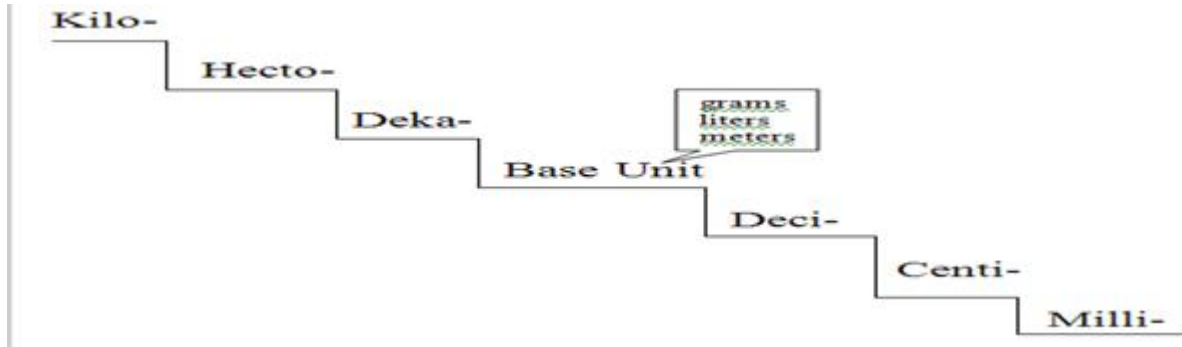
4 yards	5 yards	4 miles	1 mile
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

15,840 feet	31,680 feet	1,760 yards	3,520 yards
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Converting units of measure in the Metric System

Name _____

(multiply by 10 for each step to the right, and divide by 10 for each step to the left)



- 1) 5.1 m to cm _____
- 2) 6,750 cm to m _____
- 3) 20.86 m to mm _____
- 4) 4,322 mm to m _____
- 5) 74.48 km to m _____
- 6) 55,780 m to km _____
- 7) 29.81 cm to mm _____
- 8) 78,810 mm to cm _____
- 9) 3.73 km to cm _____
- 10) 2,933 cm to km _____
- 11) 6.17 m to cm _____
- 12) 90,600 mm to km _____
- 13) 47.58 km to mm _____
- 14) 58,660 cm to m _____
- 15) 77.89 m to mm _____
- 16) 632 mm to m _____
- 17) 9.59 km to m _____
- 18) 18,930 m to km _____
- 19) 5.01 cm to mm _____
- 20) 20,200 mm to cm _____