Do Now: Copy this into your notes section.

Unit Analysis

Words: A conversion factor that converts a given measurement to different units.

Example: 1 foot =
$$\frac{10}{3}$$
 inches

1 yard = $\frac{3}{36}$ inches

Sep 27-7:27 AM

2.1 Properties and Operations (continued)

7.NS 7.EE

- SWBAT convert unit measurements.
- SWBAT create, evaluate, and simplify algebraic expressions involving variables and unit conversions.

Calculators: No

Sep 18-9:34 AM



Words: A conversion factor that converts a given

measurement to different units.

Example: 1 gallon = 4 quarts

1 gallon = 16 ounces

1 quart = 4 ounces

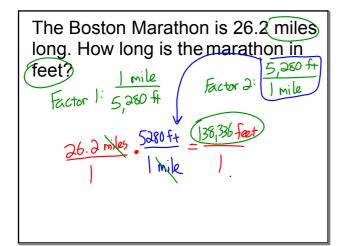
4 quarts = 16 ounces

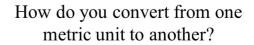
1 quart = 4 ounces

The Steel Dragon 2000 is the world's longest roller coaster. Its length is (2711 yards). How long is the roller coaster in feet?

Factor 1: 1 yard | Factor 2: 3 feet | 1 yard | 1 yard | 2711 yard |

Sep 27-8:05 AM Sep 22-8:39 AM





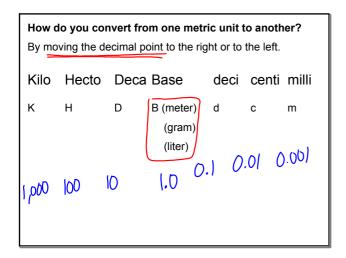
By multiplying or dividing by factors of 10.

This can easily be done by moving the decimal to the right when multiplying and moving the decimal to the left when dividing.

The mnemonic below is also very helpful.

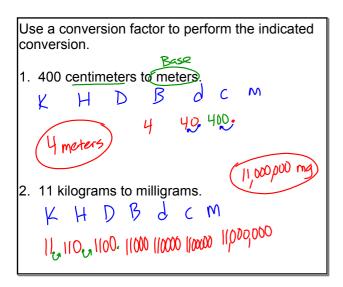
K H D B (meter) d c m
(gram)
(liter)

Sep 22-8:39 AM Sep 21-12:13 PM

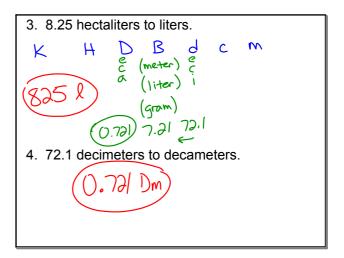


King Henry Died By drinking chocolate milk

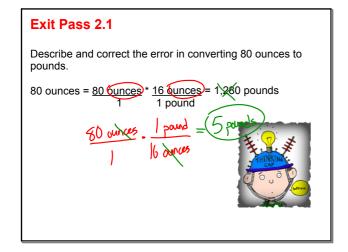
Sep 23-7:12 AM Sep 23-11:31 AM

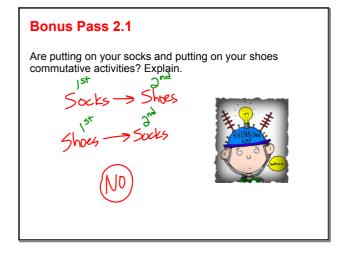


Sep 21-12:20 PM



Sep 23-7:06 AM





Sep 18-8:54 AM Sep 21-12:08 PM

2

"Don't blame the sea if you cannot catch a fish."

Working individually or with a partner, complete the classwork.

Worksheet 2.1 (Back page)



Reflection of Today's Lesson

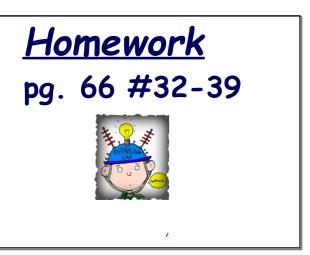
2.1 Properties and Operations

7.NS 7.EE

- SWBAT add and multiply integers using properties.
 SWBAT create, evaluate, and simplify algebraic expressions involving variables.

Sep 18-8:53 AM

Sep 22-8:36 AM



Sep 18-8:54 AM