

Physical Science


Jeopardy

The rules...
 The answers to some questions will be given
 You have to provide the question to these answers

Units	Significant Digits	Rounding	Physical Science
<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>
<u>200</u>	<u>200</u>	<u>200</u>	<u>200</u>
<u>300</u>	<u>300</u>	<u>300</u>	<u>300</u>
<u>400</u>	<u>400</u>	<u>400</u>	<u>400</u>
<u>500</u>	<u>500</u>	<u>500</u>	<u>500</u>

What are the units for length in the metric system?


meters (m)



Units - \$100

What are the units of mass in the metric system?


grams (g)



Units - \$200

What are the units of volume in the metric system?


liters (l)



Units - \$300

What is the prefix that represents 1000?

kilo (k)



Units - \$400

What is the prefix that represents 1/1000?

milli (m)



Units - \$500

What are significant digits?

any non zero digit



Significant Digits - \$100

What are significant digits?

all sandwiched zeros



Significant Digits - \$200

What are insignificant digits?

all leading zeros



Significant Digits - \$300

What are significant digits?

**trailing zeros to the right
of the decimal point**



Significant Digits - \$400

What are insignificant digits?

**trailing zeros to the left
of the decimal point**



Significant Digits - \$500

Which way do you round a number that end in 1?

**round down
because
it ends in a 1**



Rounding - \$100

Which way do you round a number that end in 8?

**round up
because
it ends in an 8**



Rounding - \$200

Which way do you round a number that is less than 5?

always round down



Rounding - \$300

Which way do you round a number that is greater than 5?

always round up



Rounding - \$400

Which way do you round a number that ends in 5?

**round up if even
round down if odd**



Rounding - \$500

What basic rules does science follow?

the Scientific Method



Science - \$100

What is the Scientific Method?

Observations & Measurements
Hypothesis
Experiments
Theory
Law



Science - \$200

What fields are covered in Physical Science?

3 of the following 4:
Physics
Chemistry
Astronomy
Geology



Science - \$300

What is density

mass divided by volume



Science - \$400

What are the units for density?

g/cm^3



Science - \$500