



“Did you find a meteorite?” Worksheet

Disclaimer: Here at the Schiele Museum, we cannot tell you with 100% accuracy if your rock is a meteorite. This worksheet serves to help you classify your rock.

Your name	
Today's date	
Location where rock was found	
Date rock was found	

<u>Qualities about your rock</u>	NO	YES
Magnetic		
Metallic		
Fusion Crust (thin, black, glassy coating)		
Round / aerodynamic		
Small holes		
Leave a streak		
Heavy for its size		



Rock Density Worksheet

Weight In Pounds

_____ lb
_____ oz



Weight In Grams

1 oz = 28 g 1 lb = 454 g

_____ g

Volume of your rock
using water
(more accurate method)



Place your rock in a measuring cup and fill with water.
Measure the water level in mL. Then remove rock and
measure remaining water level.

1 fl. Oz. = 30 mL 1 cup = 237 mL

Measurement with rock _____ mL
Measurement without rock _____ mL

Volume of your rock without using
water
(less accurate method)



Multiply length, width, and
height of your rock in
centimeters

• 1 inch = 2.54cm



Length _____
Width _____
Height _____
Total _____ mL

Rock Weight

Rock Volume

$\frac{g}{mL}$

= Rock Density

g/mL

