





	Temperature
•	In science, temperature is mainly measured using the <u>Celsius</u> temperature scale. The temperature scale is based on the freezing and boiling points of water. The freezing point of water is <u><math>0^{\circ}</math> C</u> . The boiling point of water is <u><math>100^{\circ}</math> C</u> . Human body temp is about $37^{\circ}$ C.

- -	ree temperature scale	25	
Fahrenheit Water boils 212°	Celsius	Kelvin 373	<u> </u>
-		510	-
			-
Body temperature 98.6°	37°	310	
Room temperature 68°	20°	293	
Water freezes	0.	273	_
JZ	0	213	_
			-
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Mass Review
Mass is the amount of
<u>matter</u> in an object.
<ul> <li>It's measured on a <u>balance</u> (also called a triple beam balance).</li> </ul>
Mass is measured in grams     or kilograms.
A science book is about 1.3
kliograms.
A large paperclip is about 1
gram.
5











	<u>.</u> .		
	Brain MEASURING MAT	TER	
	POP	SCORE: 10/10	
	1 If a substance has a large mass and a small volume, what can you conclude about it?	6 In the context of the movie, what is the best synonym for "property"?	
	A It's very dense	A Passession	
	B It will float on water	B Attribute	
	C It is made out of rock or metal	C Virtue	
	D It has a low density	D Guantity	
How did	2 What is the difference between weight and mass?	7 What is always true of an object with a lot of mass?	
now ald	A Weight depends on density and mass depends on gravity	A It contains a lat of matter	
	B Weight depends on gravity and mass depends on volume	B It has a large volume	
Lou do??	C Mass depends on gravity and weight is constant	C It has a high density	
you do : :	Weight depends on gravity and mass is constant	D It cannot be accurately measured	
5	3 Which of the following units is rarely, if ever, used in science labs?	8 Which of the following is a measurement of an object's weight?	
	A Centimeter	A 10 centimeters	 
	B Gram	B 10 kilograms	
	C Oust	C 30 newtons	
	D Milliber	D 10 grams per cubic cm	
	4 If you wanted to measure an irregular object's volume, which of the following devices could you use?	9 What is the relationship between cubic centimeters and milliliters?	
	(A) 📊	A They are equivalent	
	B 😴	B Cubic centimeters measure length; milliliters measure volume	
	c	C They are both dependent on an object's mass	
	D	D They are both unrelated to an object's density	
	5 One side of a cube is 5 cm long. What is the cube's volume?	10 If an object's mass is 50 g, and its volume is 30 cubic cm, what is its density?	
	A 5 cubic cm	A 500 g/cubic cm	
	B 15 cubic cm	B 5 g/cubic cm	
	C 25 cubic cm	C 60 g/cubic cm	
	D 125 cubic on	D 40 g/cubic cm	

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