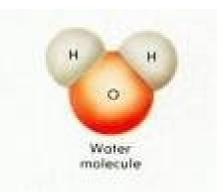
Name	Date
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Properties of Water Quiz Review

Structure:

1) Label which element would be positive (+) and which would be negative (-).



True-False:

Cohesion

- ____2) Water is made up of 2 atoms of hydrogen and 1 atom of oxygen to form a molecule.
- ____3) Water contains half as many hydrogen atoms as oxygen atoms.
- ____4) Water is a polar molecule which means it has slightly charged ends. This is why water has so many unique properties.

Capillary action

Universal solvent

_____ than the nearby land.

- ____5) Water molecules tend to repel each other and other molecules.
- ___6) The chemical formula for water is H₂O.

Hot

Key Properties:

Buoyant

Solubility

17) Water's specific heat makes large bodies of water cool down __

Word bank:

	Polar	Slower	Cold	Surface tension	Adhesion	Solute	Specific heat
') <i>A</i> n	nolecule tha	t has electrically	charged e	nds is called a	mole	ecule. This m	eans it bonds to like
nolec	ules and ioni	ic molecules.					
6)			desc	ribes how water mo	ves against gravit	y and can tr	avel up a plant's root
nto it	s stem and	leaves.					
")				lescribes how the s	urface of water o	icts like a ski	in and seals up quick
ıfter	being distur	bed. This allows	water stric	ders and the Jesus	Christ lizard to a	ppear to "wa	lk" on water.
	_			water that causes			
							to other substances.
x. Gl	ass of wate	r sweats and stic	ks to a coa	ster			
.2) A	mixture for	ms when one sub	stance, the		, dissolves in	to the solver	nt. The property tha
descr	ibes the "dis	ssolving" ability o	f water is_		·		
.3) W	ater is calle	d the			_ because of its al	bility to disso	olve so many
differ	ent substar	ices.					
.4)		_ water dissolves	faster the	ın	water.		
.5)				describes the capa	city of water to h	old on to its	heat.
				stances will float in	•		
	y and the	. 3	forc				

Name		Date
States of Matter:		
18) Describe the 3 common	_ (solid)	
	_(gas)	
19) Do all three states of	water have the same density?	

Complete the compare/contrast table below:

Type of Change	Starting State	Ending State
Melting	Solid	Liquid
Boiling	Liquid	20.
Evaporation	21.	22.
Condensation	23.	Liquid
Freezing	24.	25.

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t is invisible
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____27) liquid water b) it takes the shape of its container and volume is easily measured

____28) water vapor c) it has a temperature less than $O^{\circ}C$