

Water/Solutions Quiz name: _____

- Which is a true statement?
A. Ice is denser than water because of hydrogen bonding
B. Water is denser than ice because of ionic bonding
C. Water is denser than ice because of hydrogen bonding
D. Ice has the same density of liquid water, both are H₂O
- The statement "Like Dissolves Like" best describes:
A. NaCl + H₂O
B. H₂O + gasoline
C. olive oil plus vinegar
D. C₆H₁₂O_{6(s)} + NaCl_(s)
- In a saturated solution of ammonium chloride that has a volume of 1200 mL, how many grams of NH₄Cl are dissolved into this water solvent?
- What is the molarity of a solution that contains 506 grams of KOH and has a volume of 2350 milliliters?
- How many mL of stock solution of 2.0 M HCl are needed to make 144 mL of 0.4M HCl solution?

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