Practice

How much 1.8 M solution do you need to make 500 mL of a 0.50 M

Practice

How much 1.8 M solution do you need to make 500 mL of a 0.50 M

Apr 4-8:30 AM

Practice

Which of the following types of compounds will dissolve in water? Explain. a. ionic

Apr 4-8:30 AM

- b. nonpolar covalent
- c. polar covalent

Practice

Which of the following types of compounds will dissolve in water? Explain.

a. ionic Will dissolve in HaD

b. nonpolar covalent

will not dissolve in Hao

c. polar covalent

will dissolve in HaD

Apr 4-8:30 AM Apr 4-8:30 AM

Practice

How many grams do you need of NaCl to make 200 mL of 0.15 M

Practice

How many grams do you need of NaCl to make 200 mL of 0.15 M

200mLx IL 1000mL

$$\frac{0.15M}{1} = \frac{x \text{ mol}}{0.200L} = 0.03 \text{ mol}$$

0.03mol Nall x 58g Nall 1.74g

Apr 4-8:30 AM Apr 4-8:30 AM

Review

What is the dissociation factor for the following compounds?

 CO_2

MgS

AI(OH)₃

CH₄

Review

What is the dissociation factor for the following compounds?

$$co_2$$
 covalent i= 1
 mgs mq^{2+} S^{2-} i= a

CH4 COVALENT 1=1

Apr 4-8:30 AM Apr 4-8:30 AM

Review

How would you determine if a solution is saturated, unsaturated and super saturated?

Review

How would you determine if a solution is saturated, unsaturated and super saturated?

To determine you would add a crystal? observe:

unsat: crystal dissolves

sat: crystal is unchanged

supersat: crystals grow

Apr 4-8:30 AM Apr 4-8:30 AM

solutionSalt.zip clipboard(20615).galleryitem