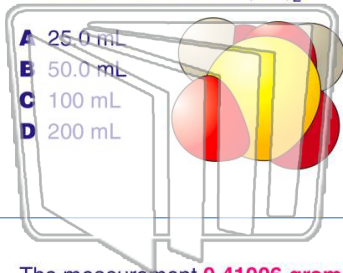




Name _____ Class _____ Date _____

1 How many milliliters of 0.600 M H_2SO_4 are required to **exactly neutralize** 100 milliliters of 0.300 M $Ba(OH)_2$?

- A 25.0 mL
- B 50.0 mL
- C 100 mL
- D 200 mL



2 A student noted that the **temperature** of water **increased** as a result of **dissolving** a salt in it.

From this observation, the student should conclude that **dissolving the salt**

- A produced an acid solution
- B produced a basic solution
- C was endothermic
- D was exothermic

3 The measurement **0.41006 gram**, rounded to three significant figures, is expressed as

- A 0.41 g

4 **Flame tests** are used to **identify**

- A metallic ions

5



PREVIEW

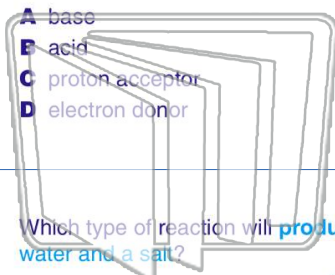
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7



The **water** acts as the

- A base
- B acid
- C proton acceptor
- D electron donor



is the **color** of each **indicator** in this solution?

- A Phenolphthalein is colorless and litmus is blue.
- B Phenolphthalein is colorless and litmus is red.
- C Phenolphthalein is pink and litmus is blue.
- D Phenolphthalein is pink and litmus is red.



9

Which type of reaction will **produce** water and a salt?

- A saponification
- B fermentation
- C esterification
- D neutralization



10

Which procedure requires the use of an **external electric current** to force a **redox reaction** to occur?

- A polymerization
- B distillation
- C electrolysis
- D saponification

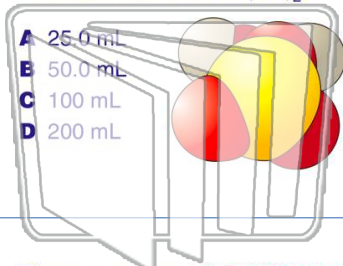




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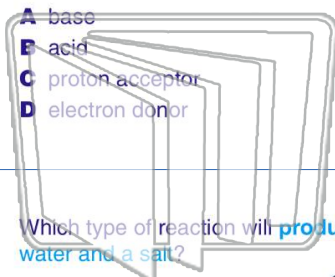
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