Newfoundland and Labrador Science 1206
Practice Test

Unit C: Chemical Processes

10 Questions

Original practice test based on the Newfoundland and Labrador curriculum. Work through each question, then check your answers at the end.

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button to let Brett know so he can fix it.

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Question 1

What is the meaning of reactant?

A) a substance formed in a reaction

B) a substance that gives hydrogen ions in water

C) a starting substance in a reaction

D) a substance that accepts hydrogen ions or gives hydroxide ions

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Question 2

What is the meaning of product?

A) a substance that gives hydrogen ions in water

B) a substance that accepts hydrogen ions or gives hydroxide ions

C) a scale from zero to fourteen measuring acidity

D) a substance formed in a reaction

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Question 3

What is the meaning of acid?

A) a substance that gives hydrogen ions in water

B) a substance that accepts hydrogen ions or gives hydroxide ions

C) a scale from zero to fourteen measuring acidity

D) an acid and base reaction forming a salt and water

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Question 4

What is the meaning of base?

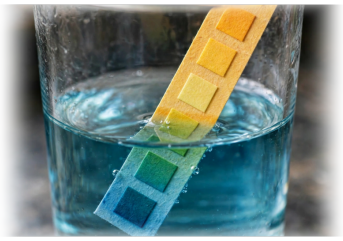
A) a scale from zero to fourteen measuring acidity

B) a substance that accepts hydrogen ions or gives hydroxide ions

C) an acid and base reaction forming a salt and water

D) mass is neither created nor destroyed in a reaction

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Question 5

What is the meaning of pH scale?

A) an acid and base reaction forming a salt and water

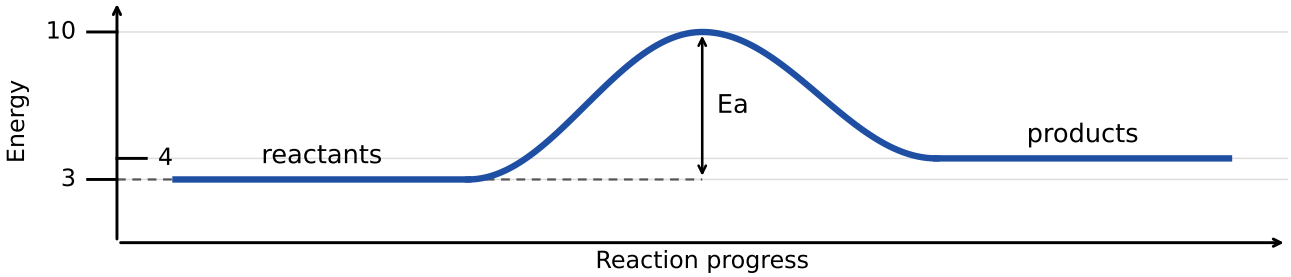
B) mass is neither created nor destroyed in a reaction

C) a scale from zero to fourteen measuring acidity

D) a pure substance made of one kind of atom

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Question 6

In an energy diagram, reactants are at 3, the peak is at 10 and products are at 4. The activation energy is

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Question 7

A collection has 23 items and 28 more are added. The total is

A) 51

B) 52

C) 50

D) 53

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Question 8

There are 6 groups with 17 items in each group. The total number of items is

A) 103

B) 102

C) 101

D) 104

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Question 9

Two samples have masses 37 grams and 22 grams. Their total mass is

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Question 10

40 items are shared equally among 5 groups. Each group receives

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ANSWER KEY

1. C
2. D
3. A
4. B
5. C
6. 7
7. A
8. B
9. 59
10. 8

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