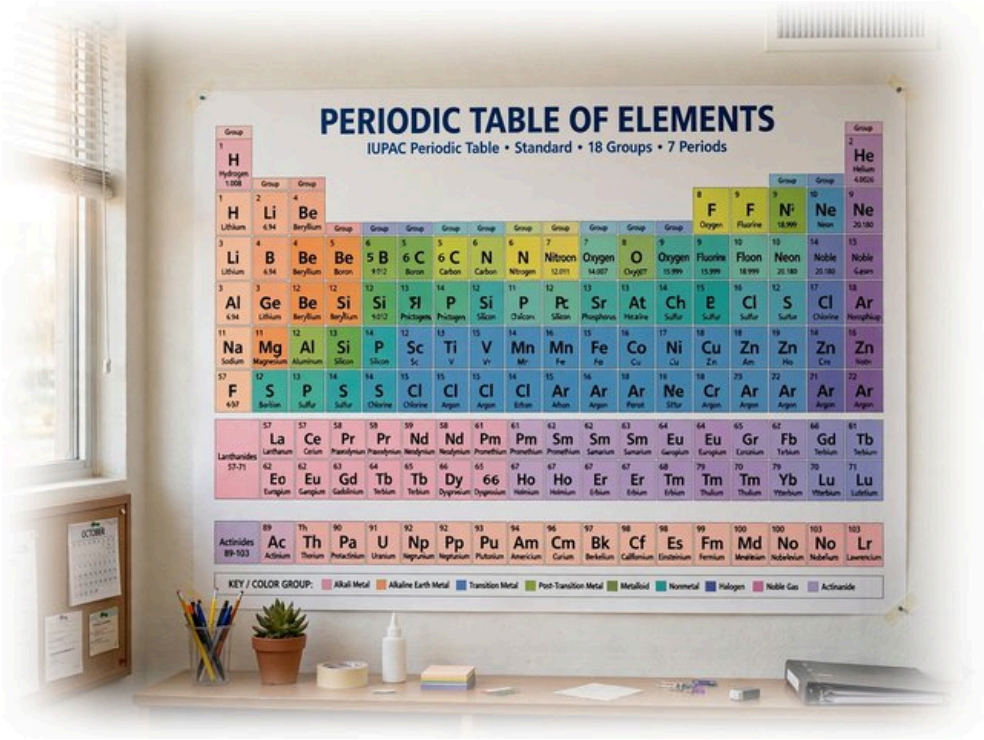
NEWFOUNDLAND AND LABRADOR SCIENCE 1206 · UNIT C · 25 QUESTIONS

Chemical Processes — Practice Test

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.

1 **Which term matches this description: a pure substance made of one kind of atom?**



A element

B compound

C atom

D molecule

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Flag a mistake

2 **Which term matches this description: a substance made of two or more elements joined together?**

- A atom
- B compound
- C molecule
- D chemical reaction

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3 **Which term matches this description: the smallest unit of an element?**

- A molecule
- B chemical reaction
- C atom
- D reactant

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4 **Which term matches this description: two or more atoms joined together?**



A chemical reaction

B reactant

C product

D molecule

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5 **Which term matches this description: a change that forms new substances?**



A chemical reaction

B reactant

C product

D acid

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6 **Which term matches this description: a starting substance in a reaction?**

A product

B reactant

C acid

D base

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7 **Which term matches this description: a substance formed in a reaction?**

A acid

B base

C product

D pH scale

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8 **Which term matches this description: a substance that gives hydrogen ions in water?**



A base

B pH scale

C neutralization

D acid

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9 **Which term matches this description: a substance that accepts hydrogen ions or gives hydroxide ions?**

A base

B pH scale

C neutralization

D conservation of mass

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10 **Which term matches this description: a scale from zero to fourteen measuring acidity?**



A neutralization

B pH scale

C conservation of mass

D element

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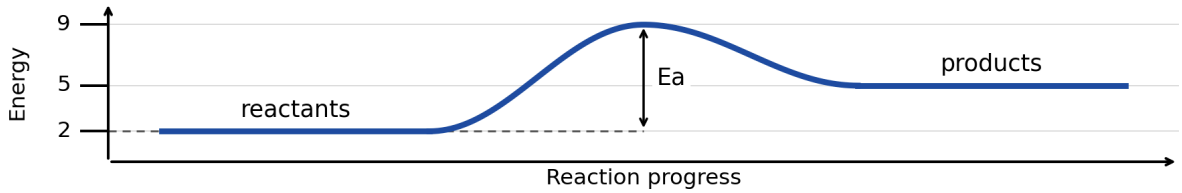
11 **In an energy diagram, reactants are at 2, the peak is at 9 and products are at 5. The activation energy is**



ANSWER

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12 **Out of 200 people, 40 chose an option. The percent who chose it is**

A 20

B 21

C 19

D 22

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13 **Three counts are 24, 27 and 30. Their mean is**

A 28

B 27

C 26

D 29

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14 **A collection has 47 items and 32 more are added. The total is**



A 80

B 78

C 79

D 81

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15 There are 8 groups with 10 items in each group. The total number of items is

- A 81
- B 79
- C 82
- D 80

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16 Two samples have masses 33 grams and 18 grams. Their total mass is

ANSWER _____

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17 60 items are shared equally among 6 groups. Each group receives

ANSWER _____

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18 **Out of 400 people, 80 chose an option. The percent who chose it is**

ANSWER _____

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19 **Three counts are 12, 15 and 18. Their mean is**

ANSWER _____

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20 **A collection has 45 items and 20 more are added. The total is**

ANSWER _____

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21 **There are 5 groups with 16 items in each group. The total number of items is**

ANSWER _____

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22 **Two samples have masses 21 grams and 16 grams. Their total mass is**

ANSWER _____

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23 **56 items are shared equally among 7 groups. Each group receives**

ANSWER _____

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24 **Out of 400 people, 100 chose an option. The percent who chose it is**

ANSWER _____

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25 **Three counts are 15, 18 and 21. Their mean is**

ANSWER _____

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ANSWER KEY

1.	A	**10.**	B	**19.**	15
2.	B	**11.**	7	**20.**	65
3.	C	**12.**	A	**21.**	80
4.	D	**13.**	B	**22.**	37
5.	A	**14.**	C	**23.**	8
6.	B	**15.**	D	**24.**	25
7.	C	**16.**	51	**25.**	18
8.	D	**17.**	10		
9.	A	**18.**	20		

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