SASKATCHEWAN PHYSICAL SCIENCE 20 · UNIT B

Foundations of Chemistry - Chemical Reactions — Practice Test

Saskatchewan Physical Science 20 • 10 questions

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 **A substance has molar mass 50 g per mole. The amount in 200 g of it, in moles, is ____**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **A substance has molar mass 60 g per mole. The mass of 2 moles of it, in grams, is ____**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **A sample of mass 75 g contains 15 g of one element. The percent by mass of that element is ____**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **Two or more atoms joined by chemical bonds is called**

A acid

B base

C pH

D molecule

Understand It with Pulse | Flag a mistake

5 **Which is a chemical change**

A ice melting

B water boiling

C iron rusting

D salt dissolving

Understand It with Pulse | Flag a mistake

6 **A substance has molar mass 30 g per mole. The amount in 150 g of it, in moles, is _____**

ANSWER _____

Understand It with Pulse | Flag a mistake

7 **A substance has molar mass 50 g per mole. The mass of 3 moles of it, in grams, is _____**

ANSWER _____

Understand It with Pulse | Flag a mistake

8 **A substance has molar mass 60 g per mole. The amount in 180 g of it, in moles, is _____**

ANSWER _____

Understand It with Pulse | Flag a mistake

9 **A substance has molar mass 40 g per mole. The mass of 4 moles of it, in grams, is _____**

ANSWER _____

Understand It with Pulse | Flag a mistake

10 **A substance has molar mass 20 g per mole. The amount in 100 g of it, in moles, is _____**

ANSWER

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	4	**5.**	C	**9.**	160
2.	120	**6.**	5	**10.**	5
3.	20	**7.**	150		
4.	D	**8.**	3		

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