SASKATCHEWAN SCIENCE 10 · UNIT B

Chemical Reactions — Practice Test

Saskatchewan Science 10 • 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 40 g per mole. The mass of 3 moles of it, in grams, is ____**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **A sample of mass 44 g contains 12 g of one element. The percent by mass of that element is ____**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **A sample of mass 18 g contains 2 g of one element. The percent by mass of that element is ____**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **A sample of mass 40 g contains 16 g of one element. The percent by mass of that element is _____**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **A substance has molar mass 44 g per mole. The amount in 132 g of it, in moles, is _____**

ANSWER _____

Understand It with Pulse | Flag a mistake

6 **A substance has molar mass 100 g per mole. The mass of 2 moles of it, in grams, is _____**

ANSWER _____

Understand It with Pulse | Flag a mistake

7 **A substance has molar mass 17 g per mole. The amount in 34 g of it, in moles, is _____**

ANSWER _____

Understand It with Pulse | Flag a mistake

8 **A substance has molar mass 18 g per mole. The mass of 4 moles of it, in grams, is _____**

ANSWER _____

Understand It with Pulse | Flag a mistake

9 **A sample has mass 50 g and volume 25 mL. Its density, in grams per mL, is _____**

ANSWER _____

Understand It with Pulse | Flag a mistake

10 **A sample has mass 90 g and volume 30 mL. Its density, in grams per mL, is _____**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	120	**5.**	3	**9.**	2
2.	27.2727	**6.**	200	**10.**	3
3.	11.1111	**7.**	2		
4.	40	**8.**	72		

© 2026 Brett Robbins. All Rights Reserved.