MANITOBA SCIENCE 20F · UNIT B · 10 QUESTIONS

Chemistry in Action — 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 **A solution has hydrogen ion concentration $10^{-}8$ moles per litre . Its pH is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **A solution has 6 moles of solute in 1 litres. Its concentration, in moles per litre, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **A sample of water has amount 3 moles and molar mass 18 grams per mole. Its mass, in grams, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **A sample of methane has amount 5 moles and molar mass 16 grams per mole. Its mass, in grams, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **A sample of ammonia has amount 3 moles and molar mass 17 grams per mole. Its mass, in grams, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

6 **A neutral solution has a pH of**

A 0

B 14

C 7

D 1

Understand It with Pulse | Flag a mistake

7 **The force that pulls objects toward Earth is**

A friction

B magnetism

C inertia

D gravity

Understand It with Pulse | Flag a mistake

8 **The unit of force is the**

A newton

B joule

C watt

D pascal

Understand It with Pulse | Flag a mistake

9 **The unit of energy is the**

A newton

B joule

C watt

D volt

Understand It with Pulse | Flag a mistake

10 **The unit of power is the**

A joule

B newton

C watt

D ampere

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	8	**5.**	51	**9.**	B
2.	6	**6.**	C	**10.**	C
3.	54	**7.**	D		
4.	80	**8.**	A		

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