Type: Multiple

Points: 1

Question: In the chemical equation 𝑁2 + 3𝐻3 → 2𝑁𝐻3, how many moles of 𝐻3 are needed to react with 2.5 mole 𝑁2?

Choice1: A. 2.5

Choice2: B. 5.0

Choice3: C. 7.5

Choice4: D. 10.0

Answer: Choice3

Type: Checkbox

Points: 1

Question: Aside from the properties of the molecules involved, the principal factors that affect the speed of a chemical reaction are:

I. presence of catalyst

II. the temperature at which the reaction occurs

III. the concentration of the reactants turbulence in the reacting medium

Choice1: A. II

Choice2: B. I, III

Choice3: C. III

Choice4: None of the answer

Answer: Choice1, Choice3

Type: Fillintheblank

Points: 1

Question: It is \_ cats and \_

Answer: raining, dogs