

How is scientific research conducted?

	<ul style="list-style-type: none">• The _____ is a way to investigate and organize knowledge• The 5 steps of the scientific method listed in your book are:<ol style="list-style-type: none">1. _____2. _____3. _____4. _____5. _____• In real science, there is no such thing as “THE Scientific Method.” Most scientific thinking involves _____ observations, questions, multiple hypotheses, and more observations. It seldom “concludes” and never “proves.”• A scientific _____ is formed from a hypothesis that has been tested repeatedly and never been refuted<ul style="list-style-type: none">○ _____○ _____• An explanation based on the synthesis of scientific laws and facts is a scientific _____<ul style="list-style-type: none">○ _____○ _____• Scientific facts, laws, and theories are _____.• As new information becomes available, scientific concepts are _____ and _____ to reflect the latest data.