

# GG101 – Homework #1

## Due Thursday, August 27th

Name \_\_\_\_\_

### HW1: Homework 1 Questions

---

Q 1: The term geology means “study of the Earth.”

- A True
- B False

---

Q 2: Physical Geology is the study of:

- A The history of life on Earth.
- B None of the choices are correct.
- C The nature of how humans and animals interact and influence one another.
- D Fossils and past environments.
- E The materials that compose Earth and the ways in which they are organized and distributed throughout the planet.

---

Q 3: For how long have geologic processes been affecting Earth?

- A 4.6 million years
- B 4,600 years
- C 4.6 billion years
- D 460,000 years
- E 46 million years

---

**Q 4:** If a geologist used the scientific process to test her hypothesis but discovered, through testing, that the original hypothesis was incorrect, what would be the next step?

- A** The geologist would run the test again until the results matched the hypothesis.
- B** The entire experiment would be considered a failure by the scientific community.
- C** The original hypothesis is revised or a new hypothesis is formulated based on the test results.
- D** The geologist would ignore the conflicting test results and proceed with experimenting.
- E** None of the choices are correct.

---

**Q 5:** What is another area of study that geologists often find they must use to make progress in their field?

- A** mathematics
- B** All of the choices are correct.
- C** chemistry
- D** physics
- E** biology

---

**Q 6:** Which geologic hazard occurs in all 50 states and causes \$1 billion to \$2 billion in damages annually?

- A** droughts
- B** earthquakes
- C** hurricanes
- D** tsunamis
- E** landslides