**Directions**: Answer the questions using the article. Answers must be written in complete sentences.

1. What is a magnetic field?
2. What does the earth’s magnetic field do?
3. How would earth be different without a magnetic field?
4. Infer what would happen to navigation systems (air traffic control) if the earth’s magnetic field decreases to nothing.
5. Infer what would happen to navigation systems (air traffic control) if the earth magnetic field reverses.
6. Explain why Mars no longer has a magnetic field while Earth does.