

FACT OR INFERENCE?

Think about each statement. Is it something that you can actually observe or measure, or is it an educated guess based on logical reasoning? Remember, inferences can be correct. By testing inferences we can become more and more sure they are true, but they remain inference if they can't be directly observed or measured.

Put an "F" or "I" in each blank, for Fact or Inference.

- 1) The inner core of the earth is made of iron and nickel. _____
- 2) The outer core of the earth won't transmit certain types of earthquake waves. _____
- 3) The outer core of the earth is liquid. _____
- 4) Some dinosaurs could run faster than horses. _____
- 5) Some large dinosaurs had hollow bones. _____
- 6) There are deep trenches at the bottom of the Pacific Ocean. _____
- 7) The continents were formed by magma leaking up from the mantle. _____
- 8) The continents used to be joined together. _____
- 9) Continental shelves can be miles wide. _____
- 10) Methane hydrates contain natural gas. _____
- 11) "Folded" rocks must have acquired their folds while they were still wet or soft or hot (or all three). _____
- 12) There are thick layers of pure salt deep under the surface of the earth. _____
- 13) Deep layers of salt were once warm, shallow seas. _____
- 14) Coal is found in Antarctica. _____
- 15) The continent of Antarctica used to be at a higher latitude. _____

ANSWER KEY (FOLD UNDER WHILE WORKING)