

Vasquez High School -- Earth Science -- Quiz #2 -- Chapter 3+ -- 50 points

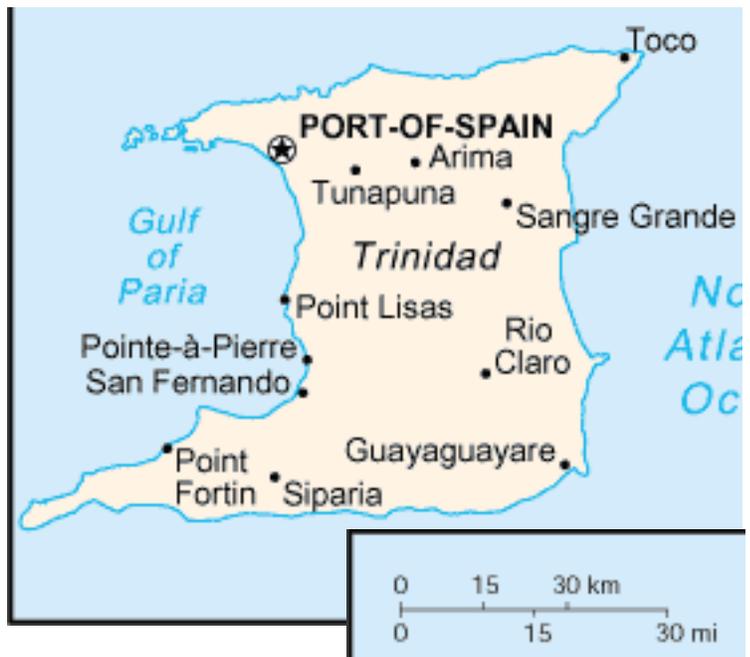
Write TRUE if the statement is true or write the word(s) that substitutes for the underlined word(s) that would make it true. Writing false only earns partial credit. Three points each.

- _____ 1) Contour lines are lines which show equal latitudes on a topographical map.
- _____ 2) Zero degrees longitude runs thru Greenwich, England.
- _____ 3) Before the 1900's, most mapping was done by aerial radar.
- _____ 4) The equator splits the Earth into northern and southern hemispheres.
- _____ 5) The proper word for a mapmaker is a cartographer.
- _____ 6) The Mercator Projection depicts Earth as if a large cone had been wrapped around the planet, and the outlines of the continents had been projected onto the paper.
- _____ 7) How high you climb as compared to how far you walk is a measure of the slope.
- 8) Why is it useful to break degrees into minutes and then minutes into seconds? _____
- _____
- 9) The three segments of the Global Positioning System are the _____, _____, and the _____.
- 10) We can calculate density by dividing _____ by _____.

- 11) What direction must you travel if you wish to go to Point Lisas from
- a) Arima _____ b) Siparia _____
- c) Tunapuna _____

- 12) Using your pencil to measure with, estimate the distance from Port-of-Spain to Rio Claro.

- 13) Draw a small topographical map below showing a 400 foot hill, using contour intervals of 100 feet with the base being at zero feet.



14) You wish to find the density of the chunk of the arsenopyrite mineral I showed the class. So you massed it and found its mass to be 44.36 grams. Since it is irregularly shaped, you dropped it into a graduate cylinder containing 25.00 mL water. The water level rose to 32.36 mL. What is the density of the arsenopyrite?

15) Name three errors that were built-in to the density lab that were completely unavoidable (there are easily fifteen of them):

a) _____

b) _____

c) _____

16) How many degrees latitude is between the north pole and the south pole? _____

17) What do undersea mapmakers use to chart the bottom of seas and oceans? _____