1.What is the SQL verb to get information out of a database? Give an example of how you would read all the data in a table named 'transactions'

Answer: SELECT, SELECT \* FROM transactions;

2.What is the SQL verb to change a value in a row?

Answer: UPDATE

3.Imagine there is a 'world' table with the following columns: country, continent, population, area, gdp, language. How would you change the 'language' of a country named countryx from Japanese to English?

Answer: UDPATE world SET language='English' WHERE country='countryx'

4.What is the SQL verb to add rows to a table?

Answer: INSERT

5.Consider the same table from question 3. Write a SQL statement which adds a country named 'Trumplandia' to this table. The country has the following data:

Answer: INSERT INTO world(Country, Continent, Population, Area, GDP, Language) VALUES ('Trumplandia', 'America', '1', '1000000', '9999999999', 'Tremendous');

6.Which is the SQL clause to filter results before the query is run?

Answer: WHERE

7.Consider the same table from question 3. Write a query which shows only the names of all countries with population lower than 10 million.

SELECT countries FROM world

WHERE population < 10000000

GROUP BY countries

ORDER BY population DESC;