**Part A:**

The function isset() is used to basically detect if there is a variable that is ‘set’. There is a variable, yet does not need a value in it.

$var1 = 0

Isset($var2) will return FALSE because the variable declared is different and the one tested has not been declared yet.

The function empty() tests to see if there is any value. If there is no variable declared, has a 0 or even an empty string, it will be TRUE because there is no value. If there is a value like a string or meaningful number, it will return FALSE because then it is not considered ‘empty’.

Is\_numeric() function gets a little more specific because it looks for value that is a number.

$var1 = 4

$var2 = ‘q’

$var1 would return TRUE because there is a number, and $var2 would be FALSE since it is a letter or string.

**Part B:**



