1. Is music stored on a smartphone an analog or digital signal? ________________________________

2. Is the signal from an FM radio station analog or digital data? ______________________________

3. Is a WiFi signal analog or digital? ________________________________

4. When you press a key on a computer keyboard, the input is converted into ___________________________ code that the computer can process.

5. The values in a(n) ___________________________ code are continuous, whereas the values in a(n) ___________________________ code can have only certain values.

6. Unwanted variations in a signal are called ___________________________.

7. Only analog signals can be transmitted as radio waves. True or False _____________________________

8. Why does a cell phone sometimes not work inside an elevator?
________________________________________________________________________________________

9. Explain how an analog signal is converted to a digital signal.
________________________________________________________________________________________
________________________________________________________________________________________

10. Why are digital signals easier to correct and remove noise from than analog signals?
________________________________________________________________________________________