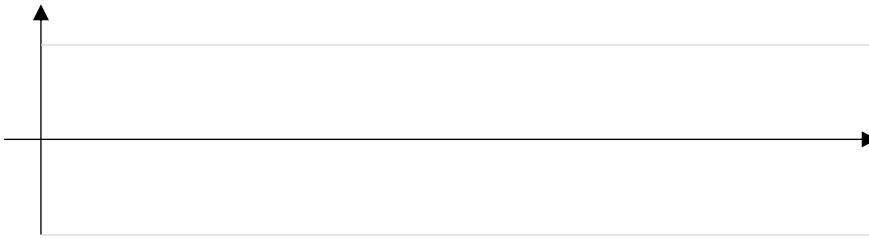


### W3. Analog and Digital Signal

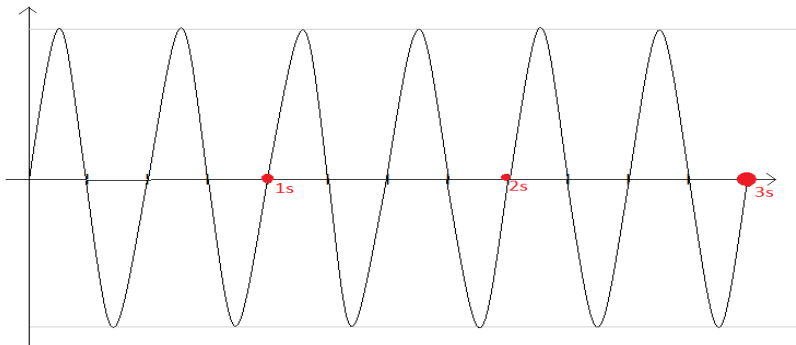
1. Draw an analog signal that has a frequency of 7 Hz. Calculate how much is the period (T).



2. Draw an analog signal that has a period of 0.125s. How much is the frequency?



3. What is the frequency and period of this analog signal?



4. Draw a digital signal that has a bit rate of 3bps and it is sending this information: 1001110110111000. Mark every second also.



5. What information are we sending in this signal? How long is the bit interval?

