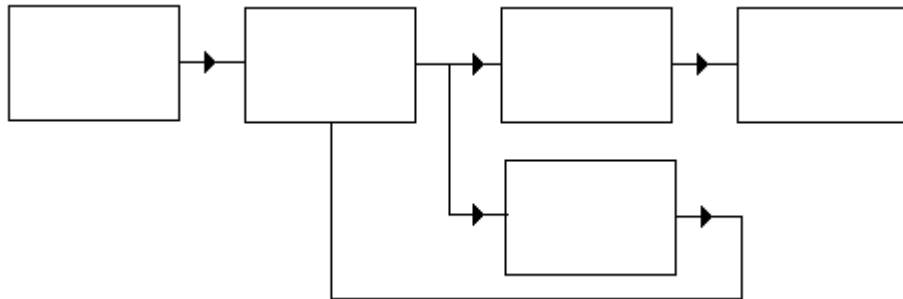


- 1 Complete this block diagram for a continuous sequencer system.
Choose from these words.

counter oscillator output reset logic sequence logic



- 2 The sentences explain how to design a continuous sequencer system.
What is a possible good order for the instructions?

Design the sequence logic system.

Write down the sequence of outputs required.

Allocate a binary number to each step of the sequence.

Write out a truth table relating counter outputs to system outputs.

Use the number of steps in the sequence to design the reset logic.

Use the duration of each step to determine the frequency of the oscillator.

- 3 Complete the sentences for this continuous sequencer. Chose from these words.

one two three four five six

The sequence has _____ states, each of which lasts for _____ seconds.

X is high for _____ states and Y is high for _____ states.

The number of flip-flops required to build this system is _____ .

