If you type show int fastethernet 0/1 and notice the port is administratively down, what commands would you execute to enable the interface?

Step 1:

The interface has been disabled as a result of port security, as indicated by the show port-security interface fastethernet 0/1 command, which displays the interface in a secure-shutdown state.

Step 2:

switch#config t  
switch(config)#int f 0/1  
switch(config-line)#no shutdown

step 2: Explanation

If you wanted to determine if serial interface 0/2 on your router should provide clocking, what command would you use?

Step 1:

Serial interfaces are interfaces that attach to a CSU/DSU or similar device, which then establishes a point-to-point connection by connecting to a leased line.

To see details unique to the interface hardware, use the show controllers serial privileged EXEC command.

Step 2:

router#show controllers serial 0/2