***a. Verify server on ISP (Server) Router operation***

show ip int brief

A white paper with black text

Description automatically generated

show pppoe session

A close up of a document

Description automatically generated

***b. Verify the configuration on Client Router with the following commands***:

Show int dialer 1

A screenshot of a computer program

Description automatically generated

show ip int brief

A close up of a text

Description automatically generated with medium confidence

show pppoe session

A close-up of a white background

Description automatically generated

***c. Set up debug to observe the PPP and PPoE negotiations.***

debug ppp authentication

**Client:**

A screenshot of a computer

Description automatically generated

**ISP:**

**A screenshot of a computer program

Description automatically generated**