Find the Norton equivalent with respect to
terminals a and b for the circuit shown.

$I_N =$_____

$R =$_____

R_2 20 Ω

I_S 2 A

R_1 5 Ω

V_S
10 V $+$ $-$

R_3
25 Ω

R_5
50 Ω

a

R_4 10 Ω

b