Quadratic Equations involving Logs

Solve

① $4^x + 2(2^x) - 8 = 0$

② $9^x - 5(3^x) + 6 = 0$

③ $25^x + 3 = 4 \times 5^x$

④ $49^x = 7 \times 7^x - 10$

⑤ $2(4^x) + 5 = 11(2^x)$