SENIOR SIX TOPICAL TEST ON LOGS AND SURDS

ATTEMPT ALL QUESTIONS

1. Show that
2. Given that and , show that
3. Solve for x in the 42x – 4x + 1 + 4 = 0
4. If a2 + b2=7ab, show that
5. Solve for x if
6. Given that a3+ b3= show that
7. Solve the equation :
8. Solve the equations below
9. Determine the value of P in
10. Solve the equation:
11. Given that , solve for x
12. Solve for x in the equation
13. (a) Solve for x in:

(b) given that prove that

1. Solve

END