

Logarithme décimal

Propriétés algébriques.

Exercice 1.

Compléter les ... dans chaque égalité :

1. $\log(2) + \log(5) = \log(\dots)$
2. $\log(1) + \log(2) + \log(3) + \log(4) = \log(\dots)$
3. $\log(12) + \log(12) + \log(12) = \log(\dots)$
4. $5\log(12) = \log(\dots)$
5. $10\log(2) = \log(\dots)$
6. $\log(15) - \log(5) = \log(\dots)$
7. $\log(175) - \log(2) - \log(5) = \log(\dots)$
8. $3\log(7) - 2\log(3) + 5\log(2) = \log(\dots)$
9. $\log(4096) = \dots\log(2)$
10. $\log(12) = \dots\log(2) + \dots\log(3)$
11. $\log(6125) = \dots\log(5) + \dots\log(7)$
12. $\log(7^4) - \log(7^2) + 5\log(7) = \dots\log(7)$

Corrigé

