

# Logarithme décimal

## Propriétés algébriques.

### Exercice 1.

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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

