

Maths Eggenberg

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Méthode de la soustraction

1. $(78)_{10} = 64 + (78 - 64) = 64 + 8 + 6 = 64 + 8 + 4 + 2 = 2^6 + 2^3 + 2^2 + 2^1 = (1001110)_2$
2. $(7904)_{10} = 2 * 60^2 + 11 * 60^1 + 44 * 60^0 = (021144)_{60}$

Méthode de la division

1. $7904/60 = 131 \text{ } r \text{ } 44$
 $131/60 = 2 \text{ } r \text{ } 11$
 $2/60 = 0 \text{ } r \text{ } 2$
 $(7904)_{10} = (021144)_{60}$

Exercice

$$(07211403)_{23} = 7 * 23^3 + 21 * 23^2 + 13 * 23 + 3 = (96'603)_{10} = (03071607)_{31}$$