# CÁLCULO MENTAL
# POTENCIAS Y RAÍCES

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|---|---|---|---|---|---|---|---|
| $8 \cdot 2^2$ | | $1 + 10 \cdot 3^2$ | | $5 \cdot 2^2$ | | $6 - 3^2$ | | $(6 \cdot 2)^2$ | |
| $2 \cdot 5^2$ | | $9^2 - 6$ | | $1 + 5 \cdot 3^2$ | | $-2 \cdot 2^2$ | | $(6 : 2)^3$ | |
| $(-4)^2$ | | $2 - 5 \cdot 3^2$ | | $6 - 2^2$ | | $7 - 4^2$ | | $2 \cdot 8^2$ | |
| $1 + 8 \cdot 3^2$ | | $(6 - 2) \cdot 3^2$ | | $-10 - 3^2$ | | $(-2 \cdot 4)^2$ | | $5^2 - 7$ | |
| $(2 \cdot 3)^2$ | | $4^2 - 7$ | | $(2 \cdot 5)^2$ | | $-10 + 3^2$ | | $(1 + 6) \cdot 2^2$ | |
| $(-3)^3$ | | $(-2 \cdot 1)^2$ | | $8 \cdot 3^2$ | | $3 \cdot 2^2$ | | $3 + 3 \cdot 3^2$ | |
| $(-5)^2$ | | $1 + 9 \cdot 2^2$ | | $1 + 4 \cdot 3^2$ | | $1 + 3 \cdot 3^2$ | | $-1 \cdot 3^2$ | |
| $\sqrt{401 - 1}$ | | $\sqrt{2^2 - 2^2}$ | | $\sqrt{145 - 1}$ | | $\sqrt{165 + 4}$ | | $\sqrt{23 + 2}$ | |
| $\sqrt{37 - 1^2}$ | | $\sqrt{125 - 2^2}$ | | $\sqrt{910 - 10}$ | | $\sqrt{7 - 7}$ | | $\sqrt{30 - 5}$ | |
| $5^0$ | | $30^1$ | | $(-2)^3$ | | $-5^2$ | | $(-4)^3$ | |
| $-7^2$ | | $10^3$ | | $(-5)^3$ | | $(-1)^9$ | | $-18^1$ | |
| $\left(\frac{9}{5}\right)^0$ | | $\left(\frac{2}{5}\right)^2$ | | $\left(-\frac{3}{10}\right)^2$ | | $\left(\frac{2}{3}\right)^3$ | | $\left(\frac{2}{4}\right)^2$ | |
| $\left(\frac{2}{7}\right)^2$ | | $\left(\frac{-1}{7}\right)^2$ | | $\left(\frac{2}{6}\right)^2$ | | $\left(-\frac{5}{9}\right)^2$ | | $\left(-\frac{4}{2}\right)^3$ | |
| $\sqrt{16}$ | | $\sqrt{20^2}$ | | $\sqrt{144}$ | | $\sqrt{225}$ | | $\sqrt{13^2}$ | |
| $3^4 \cdot 3^2 = 3^x$ | | $\frac{7^6}{7^x} = 7^2$ | | $8 \cdot 8^3 = 8^x$ | | $3^2 \cdot 6^2 = x^2$ | | $4^4 \cdot x^4 = 8^4$ | |
| $8^6 \cdot 3^6 = x^6$ | | $\frac{5^8}{5^x} = 5^5$ | | $(6^3)^8 = 6^x$ | | $(5^2)^x = 5^{12}$ | | $(2^x)^3 = 2^3$ | |
| $(3^5)^x = 3^5$ | | $(6^x)^2 = 6^2$ | | $8^3 \cdot 2^3 = x^3$ | | $\frac{4^7}{4^x} = 4^2$ | | $(-2^3)^x = 1$ | |
| $\frac{3^4}{3^4} = x$ | | $4^5 \cdot 7^5 = x^5$ | | $3 \cdot 3^2 = 3^x$ | | $2^5 \cdot 3^5 = x^5$ | | $9^4 : 3^4 = x^4$ | |
| $(3^2)^x = 1$ | | $8^2 \cdot 3^2 = x^2$ | | $\frac{2^x}{2^2} = 2^5$ | | $\frac{3^9}{3^x} = 3^4$ | | $(2^3)^4 = 2^x$ | |
| $7^4 \cdot 3^4 = x^4$ | | $(4^x)^5 = 1$ | | $2^7 \cdot 2 = 2^x$ | | $3^7 : 3 = 3^x$ | | $2^4 \cdot 3^4 = x^4$ | |

LIVEWORKSHEETS