

### Exemplo de Potências

①  $60 + \{4 + [(8 - 12) - (5 + 3) - 7] + 2\} = 47$

$$60 + \{4 + [-4 - 8 - 7] + 2\} =$$

$$60 + \{4 - 19 + 2\} =$$

$$60 - 13 = 47 \quad \checkmark$$

②  $2 + \{32 \div [2 + 3 \cdot 6 - (3 + 5) \cdot 2]\} = 5$

$$2 + \{32 \div [2 + 3 \cdot 6 - 8 \cdot 2]\} =$$

$$2 + 18 - 16$$

$$4$$

$$2 + \{32 \div 4\} =$$

$$2 + 8 = 10$$

③  $\{[(8 \cdot 4 + 3) \div 7 + (3 + 15 \div 5) \cdot 3] \cdot 2 - (19 - 7) \div 6\} \cdot 2 + 12 = 100$

$$\{[35 \div 7 + 6 \cdot 3] \cdot 2 - 12 \div 6\} \cdot 2 + 12 =$$

$$5 \cdot 18$$

$$23$$

$$\{23 \cdot 2 - 12 \div 6\} \cdot 2 + 12 =$$

$$46 - 2$$

$$44 \cdot 2 + 12 = 100$$

$$\begin{array}{r} 34 \overline{) 6} \\ -54 \phantom{0} \\ \hline 10 \end{array}$$

④  $\{6 - [(3^2 \cdot 4 \div 2 - 1) - (\sqrt{16} \cdot 2^3 \div 4)] \cdot 3\} \div 7 = -3$

$$3 \cdot 4 \div 2 - 1$$

$$17$$

$$4 \cdot 8 \div 4$$

$$8$$

$$\{6 - [17 - 8] \cdot 3\} \div 7 =$$

$$3$$

$$\{6 - 3 \cdot 3\} \div 7 =$$

$$27$$

$$-21 \div 7 = -3$$