

Ex: 73

$$= 15^2 \div 15^{11} + \sqrt[3]{216} + 200^0$$

$$= 15^{2-11} + 6 + 1$$

$$= 15 \div 15 + 7$$

$$= 1 + 7$$

$$A = 8$$

$$\sqrt[3]{216} = 6$$

$$P = \frac{(2^3)^3 \cdot (11^2)^4 \cdot 2}{(2^6)^6 \cdot 3^8 \cdot 2^4}$$

$$P = \frac{2^{9 \times 3} \cdot 3^{2 \times 4} \cdot 2}{2^{6 \times 6} \cdot 3^8 \cdot 2^4}$$

$$P = \frac{2^{27} \cdot 3^8 \cdot 2}{2^{36} \cdot 3^8 \cdot 2^4}$$

$$2^{15+2} \cdot 3^{8-8} \cdot 2^{4-4}$$

$$2^3 \cdot 3 \cdot 2^0$$

$$8 \cdot 3 \cdot 16 = 384$$

3

$$\sqrt[3]{123909} \begin{array}{l} 352 \\ 9 \\ \hline 359 \\ 325 \\ \hline 1904 \\ 1904 \\ \hline 0 \end{array}$$

$65 \times 5 = 325$
 $702 \times 2 = 1404$

Nivel 2

$216 \text{ cm}^3 = a^3$

$(6 \text{ cm})^3 = a^3$

$6 \text{ cm} = a$

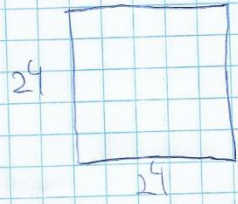
$4a^2$

$4(6 \text{ cm})^2$

$4 \cdot 36$

144 cm^2

Asume el reto



$24 \times 24 = 576$

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$$A = 2\sqrt{9} - 12^0 + 3^4$$

$$2(8) - 1 + 81$$

$$16 - 1 + 81$$

$$96$$

2

$$B = \{3^2 \times 3^2 - (8^4 \div 8^2 - \sqrt{625}) + 2^5 \times 2^3\}$$

$$B = \{9 \times 27 - (8^2 - 5 + 2^5 \times 2^3)\}$$

$$B = \{243 - (64 - 5 + 2^8)\}$$

$$B = \{243 - (59 + 4)\}$$

$$B = 243 - 63$$

$$B = 180$$

3

4

$$13 = 343$$

$$1 = 3 \quad 343$$

$$= 7$$

$$12 = 7$$

$$7 \times 7$$

$$49$$

2

$$B = \{3^2 \times 3^2 - (8^4 \div 8^2 - \sqrt{625} + 2^5 \times 2^3)\}$$

$$B = \{9 \times 27 - (8^2 - 5 + 2^5 \times 2^3)\}$$

$$B = \{243 - (64 - 5 + 2^8)\}$$

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$$B = 180$$

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4

$$13 = 343$$

$$1 = 3 \quad 343$$

$$= 7$$

$$12 = 7$$

$$7 \times 7$$

$$49$$