

2.02 POTENCIAS DE NÚMEROS

Expresa cunha potencia única:

$$01> 5 \cdot 5^5 \cdot 5^2 =$$

$$02> 3^4 \cdot 3^5 \cdot 3^3 =$$

$$03> 5^3 \cdot 3^3 =$$

$$04> 7^3 \cdot 7^2 \cdot 7^4 =$$

$$05> 16^4 \cdot 4^4 =$$

$$06> (4^2)^3 =$$

$$07> (6^4 \cdot 3^4) : 9^4 =$$

$$08> (3^3 \cdot 4^3) : (20^3 \cdot 5^3) =$$

$$09> (x^7 : x^3) \cdot x^2 =$$

$$10> (a^2)^5 : (a^3)^3 =$$

$$11> (a^3 : a)^3 =$$

$$12> (a^2 \cdot a^3)^2 =$$

$$13> (x^3 \cdot x^5) : (x^4)^2 =$$

$$14> (20^5 \cdot 5^5)^2 : 2^3 =$$

$$15> 25^3 \cdot 5^4 =$$

$$16> (3^4 \cdot 9^2) : 27^2 =$$

Reduce as potencias

$$17> \frac{2^6 \cdot 3^5}{4^2 \cdot 3^4} =$$

$$18> 5^3 \cdot 9^2 \cdot 6^2$$

$$19> \frac{2^3 \cdot 3 \cdot 6^2}{2^2} =$$

$$20> \frac{5^3 \cdot 2^7}{2^2 \cdot 10^2 \cdot 5} =$$

$$21> \frac{2^2 \cdot 3^4 \cdot 5}{4^2 \cdot 3^2 \cdot 5^2} =$$

$$22> \frac{5^2 \cdot 7^5 \cdot 3^2}{7^3 \cdot 10} =$$

$$23> \frac{(2^2)^2 \cdot 9^3}{4^3 \cdot (3^3)^2} =$$

$$24> \frac{5^3 \cdot (2^2)^3}{4^3 \cdot (5^2)^2} =$$