

1. Zapiši kot potenco in izračunaj vrednost.

$$100^2 \cdot 100 = \quad =$$

$$4^2 \cdot 4 \cdot 4^1 = \quad =$$

$$\left(\frac{3}{4}\right)^6 : \left(\frac{3}{4}\right)^4 = \quad =$$

$$\left(\frac{1}{2}\right)^4 : \left(\frac{1}{2}\right)^1 = \quad =$$

$$(-0,4)^3 \cdot (-0,4)^1 = \quad =$$

$$(1,2)^7 : (1,2)^5 = \quad =$$

$$13^2 : 13^2 = \quad =$$

$$9^2 : 9^4 = \quad =$$

2. Določi neznan eksponent:

$$2^5 \cdot 2^m = 2^{16} \quad m =$$

$$7^u \cdot 7^{11} = 7^{216} \quad u =$$

$$(-3)^9 : (-3)^x = (-3)^6 \quad x =$$

$$(0,4)^n : (0,4) = (0,4)^6 \quad n =$$

3. Najprej zapiši kot produkt/količnik potenc in izračunaj.

$$3^2 \cdot 4^2 = \quad =$$

$$10^3 : 5^3 = \quad =$$

$$\frac{3^4 \cdot 4^4}{6^4} = \quad = \quad =$$

