

# Examen

$$4) 30.000.000 \left( \frac{5}{15} \right) = 10.000.000$$

$$5+4+3+2+1 = 15$$

$$5) 3+2+1 = 6$$

$$30.000.000 \left( \frac{5}{6} \right) = 6.000.000$$

$$6) 2,45\% \times 12 = 29,4\%$$

$$30.000.000 \times 29,4\% = 8.820.000$$

$$7) \log 2x^2 + \log 2x^3 = 10$$

$$\log 2(x^2 + x^3) = 10$$

$$5 \sqrt{2 \times 10} = 10$$

$$5 \sqrt{20} = 10$$

$$a) \left(\frac{3}{5}\right)^{x-3} = \left(\frac{25}{9}\right)^{2x+3}$$

$$\left(\frac{3}{5}\right)^{x-3} = \left(\frac{3}{5}\right)^{-4x-6}$$

$$x-3 = -4x-6$$

$$x+4x = -6+3$$

$$5x = -3$$

$$x = -\frac{3}{5}$$