

Gleichungen

Rechenttraining online **D102-03**

4

A

$$\frac{x}{3} = 24 \quad x =$$
$$-13 + 4x = 7 \quad x =$$
$$8(x + 3) = 64 \quad x =$$
$$4x - 12 = 0 \quad x =$$
$$56 : x = 4 \quad x =$$

B

$$3(a + 5) = 18 \quad a =$$
$$2a + 3 = 25 \quad a =$$
$$4(3a + 1) = 40 \quad a =$$
$$2a : 4 = 10 \quad a =$$
$$\frac{a}{3} = 10 \quad a =$$

C

$$5(2x + 1) = 45 \quad x =$$
$$5(5 - 2x) = 15 \quad x =$$
$$\frac{4}{x} - 2 = 0 \quad x =$$
$$3\left(\frac{x}{4}\right) = 15 \quad x =$$
$$5x - 3 = 11 - 2x \quad x =$$

Potenzen und Wurzeln

Rechenttraining online **D102-04**

5

A

$$2^3 \cdot 2^2 =$$
$$5 \cdot 3^2 =$$
$$3^2 + 2^3 =$$
$$10^5 : 10^2 =$$
$$2^5 - 2^3 =$$

B

$$10^5 \cdot 10^3 =$$
$$10^4 : 10^2 =$$
$$(10^2)^3 =$$
$$10^{-2} \cdot 10^2 =$$
$$10^{-2} : 10^{-1} =$$

C

$$(\sqrt{6})^2 =$$
$$\sqrt{100^2} =$$
$$\sqrt{4} \cdot 2 =$$
$$\sqrt{2} \cdot \sqrt{5} =$$
$$10 : \sqrt{10} =$$