

Solutions

Each answer shows the steps, then the **result**.

2.1

- $\frac{1}{100} = 0.01$

2.2

- $3^2 = 9$

2.3

- $2 \times 5 = 10$

3.1 B

- $1/K$

3.2

(a)

- $16^{1/2} = 4$

(b)

- $\frac{1}{4} = 0.25$

3.3

- Adding the reactions multiplies the constants: $K = 4 \times 3 = 12$