

Solutions

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

2.1

- b^7

2.2

- b^{10}

2.3

- $2^{x+3} = 2^3 \cdot 2^x = 8 \cdot 2^x$

3.1 B

3.2 B

3.3

(a)

- $5 \cdot 2^{x+2} = 5 \cdot 2^2 \cdot 2^x$

(b)

- $2^2 = 4$

(c)

- $20 \cdot 2^x$