

Solutions

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

2.1

- $x = 3$

2.2

- $x = 2^5 = 32$

2.3

- the argument of the log must be positive ($x > 0$)

3.1 A

3.2 C

3.3

(a)

- $x = 5^3$

(b)

- 125

(c)

- $125 > 0$, so it is valid