

## LÖSUNG ZU 82

$$1\text{-E: } f(x) = 3x + 2 \Rightarrow f(x + 1) = 3(x + 1) + 2 = 3x + 5 = f(x) + 3$$

$$2\text{-A: } f(x) = 3^x \Rightarrow f(x + 1) = 3^{x+1} = 3 \cdot 3^x = 3 \cdot f(x)$$

$$3\text{-C: } f(x) = 3 \Rightarrow f(x + 1) = 3 = f(x)$$

$$4\text{-D: } f(x) = x \Rightarrow f(x + 1) = x + 1 = f(x) + 1$$

