

12

A

$$10 \cdot 10^2 = 10^3$$

$$10 \cdot 10^3 = 10^4$$

$$10 \cdot 10^4 = 10^5$$

...

$$10 \cdot 10^9 = 10^{10}$$

B

$$10^2 \cdot 10^7 = 10^9$$

$$10^3 \cdot 10^6 = 10^9$$

$$10^4 \cdot 10^5 = 10^9$$

...

$$10^9 \cdot 10^0 = 10^9$$

C Mögliche Lösung:

$$10^1 \cdot 10^7 = 10^8$$

$$10^2 \cdot 10^6 = 10^8$$

$$10^3 \cdot 10^5 = 10^8$$

...

$$10^8 \cdot 10^0 = 10^8$$

13

A

$$10^3 \cdot 10^{-1} = 10^2$$

$$10^4 \cdot 10^{-1} = 10^3$$

$$10^5 \cdot 10^{-1} = 10^4$$

...

$$10^{10} \cdot 10^{-1} = 10^9$$

B

$$10^3 \cdot 10^{-2} = 10^1$$

$$10^4 \cdot 10^{-2} = 10^2$$

$$10^5 \cdot 10^{-2} = 10^3$$

...

$$10^8 \cdot 10^{-2} = 10^6$$

C Mögliche Lösung:

$$10^4 \cdot 10^{-3} = 10^1$$

$$10^3 \cdot 10^{-2} = 10^1$$

$$10^2 \cdot 10^{-1} = 10^1$$

$$10^1 \cdot 10^0 = 10^1$$

...

$$10^{-3} \cdot 10^4 = 10^1$$

14

A

$$10^6 : 10^2 = 10^4$$

$$10^5 : 10^2 = 10^3$$

$$10^4 : 10^2 = 10^2$$

...

$$10^1 : 10^2 = 10^{-1} = 0,1$$

B

$$10^2 : 10^6 = 10^{-4}$$

$$10^3 : 10^6 = 10^{-3}$$

$$10^4 : 10^6 = 10^{-2}$$

...

$$10^7 : 10^6 = 10^1 = 10$$

C Mögliche Lösung:

$$10^5 : 10^5 = 1$$

$$10^4 : 10^4 = 1$$

$$10^3 : 10^3 = 1$$

...

$$10^{-2} : 10^{-2} = 1$$