

Product of powers

Write each product as a single power.

1. $10^{-4} \times 10^{-3} = 10^{-7}$

2. $2^7 \times 2^6 = 2^{13}$

3. $10^5 \times 10^{-1} = 10^4$

4. $6^6 \times 6^{-2} = 6^4$

5. $5^6 \times 5^2 = 5^8$

6. $10^7 \times 10^4 = 10^{11}$

7. $4^4 \times 4^3 = 4^7$

8. $6^2 \times 6^2 = 6^4$

9. $6^{-2} \times 6^4 = 6^2$

10. $3^{-1} \times 3^{-1} = 3^{-2}$

11. $2^{-2} \times 2^{-2} = 2^{-4}$

12. $6^4 \times 6^6 = 6^{10}$