

Product of powers

Write each product as a single power.

1. $3^5 \times 3^4 = 3^9$

2. $3^3 \times 3^6 = 3^9$

3. $6^{-3} \times 6^5 = 6^2$

4. $2^4 \times 2^{-1} = 2^3$

5. $3^7 \times 3^3 = 3^{10}$

6. $6^4 \times 6^3 = 6^7$

7. $5^6 \times 5^{-2} = 5^4$

8. $3^6 \times 3^{-2} = 3^4$

9. $10^4 \times 10^2 = 10^6$

10. $7^{-4} \times 7^6 = 7^2$

11. $10^{-3} \times 10^{-2} = 10^{-5}$

12. $10^5 \times 10^7 = 10^{12}$