

Product of powers

Write each product as a single power.

1. $3^5 \times 3^{-3} = 3^2$

2. $4^3 \times 4^3 = 4^6$

3. $7^{-4} \times 7^2 = 7^{-2}$

4. $5^7 \times 5^3 = 5^{10}$

5. $4^7 \times 4^{-1} = 4^6$

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

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

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

9. $3^2 \times 3^7 = 3^9$

10. $2^4 \times 2^{-1} = 2^3$

11. $10^3 \times 10^3 = 10^6$

12. $6^{-1} \times 6^6 = 6^5$