

Write $a^3 \times a^4$ as a single expression in index form.

$$\begin{aligned} a^3 \times a^4 &= a^{3+4} \\ &= a^7 \end{aligned}$$

Write as a single expression in index form:

1. $3^5 \times 3^2$

2. $7^5 \times 7^3$

3. $9^2 \times 9^8$

4. $2^4 \times 2^7$

5. $b^3 \times b^2$

6. $5^4 \times 5^4$

7. $12^4 \times 12^5$

8. $p^6 \times p^8$

9. $4^7 \times 4^9$

10. $r^5 \times r^3$