

Write $a^7 : a^3$ as a single expression in index form.

$$\begin{aligned}a^7 \div a^3 &= a^{7-3} \\ &= a^4\end{aligned}$$

Write as a single expression in index form:

1. $4^4 \div 4^2$

2. $7^9 \div 7^3$

3. $5^6 \div 5^5$

4. $10^8 \div 10^3$

5. $q^9 \div q^5$

6. $15^8 \div 15^4$

7. $6^{12} \div 6^7$

8. $b^7 \div b^5$

9. $9^{15} \div 9^{14}$

10. $p^4 \div p^3$