

$$(a^m \times b^n)^q = a^{m \times n} = a^{mq} \times b^{nq} = a^{mq} b^{nq}$$

UJI MINDA 1.2E (Bahagian 1)

Lengkapkan setiap yang berikut.

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

$$= 2^{\square} \times 5^{\square}$$

$$= 2^{\square} \times 5^{\square}$$

2. $(4^3 \times 3^4)^5$

$$= 4^{\square} \times 3^{\square}$$

$$= 4^{\square} \times 3^{\square}$$

3. $(x^2 y^5 z^3)^2 = x^{\square} y^{\square} z^{\square}$

4. $(pq^2 r^3)^4 = p^{\square} q^{\square} r^{\square}$

5. $(2p^2 q^3)^4$

$$= 2^{\square} \times p^{\square} \times q^{\square}$$

$$= 2^{\square} p^{\square} q^{\square}$$

$$= \square p^{\square} q^{\square}$$