

$$(a^m \div b^n)^q = \left(\frac{a^m}{b^n}\right)^q = \frac{a^{mq}}{b^{nq}}$$

### UJI MINDA 1.2E (Bahagian 2)

Lengkapkan setiap yang berikut.

$$\begin{aligned}
 1. & \left(\frac{13^3 \times 3^2}{13^2}\right)^4 \\
 &= \frac{13^{\square} \times 3^{\square} \times 3^{\square} \times 3^{\square}}{13^{\square} \times 13^{\square}} \\
 &= \frac{13^{\square} \times 3^{\square}}{13^{\square}} \\
 &= 13^{\square - \square} \times 3^{\square} \\
 &= 13^{\square} \times 3^{\square}
 \end{aligned}$$

$$\begin{aligned}
 2. & \frac{(h^3 k^2)^4}{(hk)^2} \\
 &= \frac{h^{\square} \times h^{\square} \times h^{\square} \times h^{\square} \times k^{\square} \times k^{\square} \times k^{\square} \times k^{\square}}{h^{\square} \times h^{\square} \times k^{\square} \times k^{\square}} \\
 &= \frac{h^{\square} k^{\square}}{h^{\square} k^{\square}} \\
 &= h^{12 - \square} k^{8 - \square} \\
 &= h^{\square} k^{\square}
 \end{aligned}$$