

4A. $p^{\frac{1}{4}} \times p^{\frac{9}{4}}$

اجمع الأسس

$$p^{\frac{1}{4}} \times p^{\frac{9}{4}} = p^{\frac{\dots + \dots}{4}}$$

$$= p^{\frac{\dots}{\dots}}$$

بسط

$$= p^{\frac{\dots}{\dots}}$$

4B. $r^{-\frac{4}{5}}$

$$r^{-\frac{4}{5}} = \frac{1}{r^{\frac{\dots}{\dots}}}$$

$$= \frac{1}{r^{\frac{\dots}{\dots}}} \times \frac{r^{\dots}}{r^{\dots}}$$

$$= \frac{r^{\dots}}{r^{\frac{\dots}{\dots} + \frac{\dots}{\dots}}}$$

$$= \frac{r^{\dots}}{r^{\dots}}$$