

INDICES

NAME :

CLASS :

Fill in the blank with a correct answers.

$$\begin{aligned} 1. 5^4 \times 9^3 \times 5 \times 9^2 &= 5 \quad \times 9^{3+2} \\ &= 5 \quad \times 9 \end{aligned}$$

2. Simplify

$$\begin{aligned} \frac{27x^4y^5}{9x^3y^2} &= \frac{\quad}{9} \times x \quad \times y \\ &= x \quad y \end{aligned}$$

3. Simplify

$$(x^2)^{13} = x$$