

INDICES

NAME :

CLASS :

Fill in the blank with a correct answers.

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

2. Simplify

$$\frac{27x^4y^5}{9x^3y^2} = \frac{1}{9} \times x \quad \times y$$
$$= x \quad y$$

3. Simplify

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