

$$\begin{aligned} 3) \quad 5x + 2y &= 22 \\ 4x + 3y &= 19 \end{aligned}$$

4)

$$\begin{aligned} \text{i)} \quad x^8 \times x \times x \times x^9 \\ = x^{18} \end{aligned}$$

$$\text{ii)} \quad (2x^3)^3$$

$$\begin{aligned} 2x^3 \times 2x^3 \times 2x^3 \\ = 8x^9 \end{aligned}$$

$$\text{iii)} \quad \frac{x^{12} \times x^8}{x} = \frac{x^{20}}{x} = x^{19}$$

$$\begin{aligned} \text{iv)} \quad 5x^2 \times 3x^4 \\ = 15x^6 \end{aligned}$$