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

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

$$\begin{aligned} 20x + 8y &= 22 \\ - (20x + 15y) &= 19 \\ \hline -7y &= 39 \end{aligned}$$

$$y = 0,42$$

$$5x + 2(0,42) = 22$$

$$5x + 0,84 = 22$$

$$5x = 22 - 0,84$$

$$5x = 21,16$$

$$x = 4,24$$

$$x = 4,24$$

$$y = 0,8$$

4

$$I. x^8 \cdot x \cdot x^9 = x^{18}$$

$$II. (2x^3)^3 = 2x^9$$

$$III. \frac{x^{12} \cdot x^8}{x} = \frac{x^{20}}{x}$$

$$IV. 5x^2 \cdot 3x^4 = 15x^6$$

$$V. \frac{10x^5}{2x^2} = 5x^3$$