

$$* \frac{2^7}{2^3} \rightarrow \frac{\cancel{2} \cdot \cancel{2} \cdot \cancel{2} \cdot 2 \cdot 2 \cdot 2 \cdot 2}{\cancel{2} \cdot \cancel{2} \cdot \cancel{2}} = 2^4$$

$$\frac{2^{300}}{2^{132}} = 2^{300-132} = 2^{168}$$

$$\frac{x^6}{x^4} = x^{6-4} = x^2$$

$$\frac{y^9}{y} = y^{9-1} = y^8$$