Forma general:
$$\frac{a^n}{a^m} = a^{n-m} \tag{1}$$
 Ejemplo:
$$\frac{a^{-2}}{a^4} = a^{-2-4} \tag{2}$$

$$= a^{-6} \tag{3}$$

$$= \frac{1}{a^6} \tag{4}$$