

## Quotient Rule for Exponents

$$\textcircled{1} \frac{x^9}{x^4} = x^5$$

$$\textcircled{2} \frac{n^5}{n^7} = \frac{1}{n^2}$$

$$\textcircled{3} \frac{c^5}{c^2} = c^3$$

$$\textcircled{4} \frac{r^2}{r^9} = \frac{1}{r^7}$$

$$\textcircled{5} \frac{2^4}{2^6} = \frac{1}{2^2}$$

$$\textcircled{6} \frac{4^{11}}{4^2} = \frac{4^9}{1} = 4^9$$

$$\textcircled{7} \frac{p^{20}}{p^{31}} = \frac{1}{p^{11}}$$

$$\textcircled{8} \frac{4^8}{4^3} = 4^5$$

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