Simplify each. Write your answer without zero as an exponent or negative exponents.

Take a small white board

Q^{-5} $\frac{1}{Q^5}$

$5a^{-2}$ $\frac{5}{a^2}$

$\frac{4}{e^{-3}}$ $4e^3$

$7Q^{-5}R^0$ $\frac{7}{Q^5}$

$\frac{-7x^{-2}}{y^{-1}}$ $\frac{-7y}{x^2}$

$6b^{-2} + c^0$ $\frac{6}{b^2} + 1$

$3^{-2}m^{-4}n$ $\frac{n}{3^2m^4}$ $\frac{n}{9m^4}$

$\frac{c^{-3}d^{-2}}{-6b^4}$ $\frac{1}{-6c^3d^2b^4}$

$$\frac{10p^{-5}q^{6}}{m^{0}n^{-2}} = \frac{10q^{6}n^{2}}{p^{5}}$$

$$\frac{5^{-2}a^{-1}b^{-4}}{4c^{6}d^{-7}} = \frac{25ab^{4}d^{7}}{100ab^{4}c^{6}}$$

$$(m^{2}n^{7})^{-1} = \frac{1}{m^{2}n^{7}}$$

$$\left(\frac{a^{-3}}{b^{8}}\right)^{-1} = \left(\frac{1}{a^{3}b^{8}}\right)^{-1} = a^{3}b^{8}$$