$$2p^2qr^3 \cdot 10p^0q^{-4}r^{-6}$$

$$20p^2q^{-3}r^{-3}$$

$$\downarrow$$

$$\frac{20p^2}{q^3r^3}$$

$$5w^{-4}x^{6}y \cdot 6w^{-2}x^{10}y^{-7}$$

$$30w^{-6}x^{16}y^{-6}$$

$$\frac{30x^{16}}{w^{6}y^{6}}$$

$$\frac{a^{10}b^{-3}c^{5}}{a^{-6}b^{11}c^{-8}} = \frac{a^{16}c^{13}}{b^{14}}$$

$$\frac{(3x^2y^0)(10x^{-10}y^5)}{7x^5y^{-6}}$$

$$\frac{(3x^2)(10x^{-10}y^5)}{7x^5y^{-6}}$$

$$\frac{30x^{-8}y^5}{7x^5y^{-6}} = \frac{30y^{11}}{7x^{13}}$$

$$\frac{c^{2}d^{-10}e^{4}}{c^{-6}d^{4}e^{-1}} = \frac{c^{8}e^{5}}{d^{14}}$$

$$\frac{(2x^{-3}y^{4})(-4xy^{3})}{(-7x^{0}y^{-2})(2xy)^{0}}$$

$$= \frac{-8x^{-2}y^{7}}{-7y^{-2}}$$

$$\frac{-8y^{9}}{-7x^{2}} = \frac{8y^{9}}{7x^{2}}$$

$$(-3a^3b^{-1})(4a^{-5}b^4)(-6a^0b)(-2)$$

$$-144a^{-2}b^4 = -\frac{144b^4}{a^2}$$

$$\frac{(10e^{-2}f^{10}g^{0})(-4e^{-4}g^{5})}{(-3f^{0}g^{-6})(2e^{12}f^{-3}g^{-1})}$$

$$\frac{-40e^{-6}f^{10}g^{5}}{-6e^{12}f^{-3}g^{-7}}$$

$$\frac{20f^{13}g^{12}}{3e^{18}}$$