



Name

Score

Solve and show all steps.

$$\frac{a^m}{a^n}$$

$$\frac{x^5}{x^3}$$

$$\frac{x^3}{x^5}$$

$$\frac{6x^7}{15x^7y^3}$$

$$\frac{a^2b^5}{a^6b^2}$$

$$\frac{20c^3d^4e}{15c^2d^4e^8}$$

$$\frac{7m^3n^{-2}}{14m^{-3}n^9}$$

$$\frac{-12p^{-1}q^7}{-8p^{-3}q^{-8}}$$

$$\frac{-9hk^{-4}}{27hk^4}$$

$$\frac{32s^{-3}t^4u^{-1}}{-42s^{-8}t^3u^2}$$



Solve and show all steps.

$$a^{m-n}$$

$$x^2$$

$$\frac{1}{x^2}$$

$$\frac{2}{5y^3}$$

$$\frac{b^3}{a^4}$$

$$\frac{4c}{3e^7}$$

$$\frac{m^6}{2n^{11}}$$

$$\frac{3p^2q^{15}}{2}$$

$$-\frac{1}{3k^8}$$

$$-\frac{16s^5t}{21u^3}$$