

Name: \_\_\_\_\_

Math Practice: Page 8B

Class: \_\_\_\_\_

Date: \_\_\_\_\_

Directions: Use the laws of exponents to find the quotient of each.

1) $\frac{x^8}{x^2}$	2) $\frac{x^4}{x^3}$
3) $\frac{10x^7b^3}{5x^2b^2}$	4) $\frac{36a^{10}b^7c^5}{6a^4b^5c^3}$
5) $\frac{24x^6y^{12}z^{18}}{8x^3y^6z^{12}}$	6) $\frac{100a^9b^7c^5}{10a^2b^4c^5}$
7) $\frac{49x^{15}y^{10}z^5}{7x^5y^8z^9}$	8) $\frac{81a^8b^5c^3}{9a^7b^{10}c^2}$
9) $\frac{77b^6i^5g^4m^3a^2c}{11b^2i^3g^5m^2a^4c^5}$	10) $\frac{60a^6b^8c}{10a^5bc}$