

## Dividing Monomials

Simplify each monomial. Final answers must have positive exponents.

$$1) \quad \frac{16x^3}{10x}$$

$$2) \quad \frac{24x^2}{12x^5}$$

$$3) \quad \frac{16x^4y^2}{4xy^5}$$

$$4) \quad \frac{15x^4}{25x^2y^5}$$

$$5) \quad \frac{16x^2y^3}{32x^3y^2}$$

$$6) \quad \frac{14x^4y^7}{16x^{12}y^2}$$

$$7) \quad \frac{24x^4y^2}{9y^3}$$

$$8) \quad \frac{25x^4y^4}{15xy^2}$$

$$9) \quad \frac{4xy^6z^{12}}{12xy^2z^{16}}$$

$$10) \quad \frac{64x^3z^7}{40xy^4z}$$

$$11) \quad \frac{28a}{8a}$$

$$12) \quad \frac{12p^5}{12p^4}$$

$$13) \quad \frac{24x^4y^3}{28x^5y^3z}$$

$$14) \quad \frac{16xyz}{48x^4z^3}$$