

Answers to Exponents and Rational Exponents

$$1) \frac{y^{16}}{x^6}$$

$$2) m^{20}n^{20}$$

$$3) \frac{a^8}{b^4}$$

$$4) \frac{x^{\frac{5}{12}}y^{\frac{5}{6}}}{x^2y^5}$$

$$5) n^{\frac{11}{12}}m^{\frac{2}{3}}$$

$$6) (7p)^{-\frac{5}{2}}$$

$$7) (5v)^{-\frac{5}{2}}$$

$$8) b^{\frac{4}{3}}$$

$$9) (6n)^{-\frac{5}{2}}$$

$$10) (10x)^{-\frac{5}{2}}$$