

$$13) \frac{2x^{-\frac{7}{4}}}{4x^{\frac{4}{3}}}$$

$$14) \frac{4x^2}{2x^{\frac{1}{2}}}$$

$$15) \frac{3x^{-\frac{1}{2}} \cdot 3x^{\frac{1}{2}} y^{-\frac{1}{3}}}{3y^{-\frac{7}{4}}}$$

$$16) \frac{3y^{\frac{1}{4}}}{4x^{-\frac{2}{3}} y^{\frac{3}{2}} \cdot 3y^{\frac{1}{2}}}$$

$$17) \left( m \cdot m^{-2} n^{\frac{5}{3}} \right)^2$$

$$18) \left( a^{-1} b^{\frac{1}{3}} \cdot a^{-\frac{4}{3}} b^2 \right)^2$$

$$19) \left( \frac{x^{\frac{1}{2}} y^{-2}}{yx^{-\frac{7}{4}}} \right)^4$$

$$20) \frac{(x^3 y^2)^{\frac{3}{2}}}{\left( x^{-1} y^{-\frac{2}{3}} \right)^{\frac{1}{4}}}$$

$$21) \frac{\left( x^{-\frac{1}{2}} y^2 \right)^{-\frac{5}{4}}}{x^2 y^{\frac{1}{2}}}$$

$$22) \frac{\left( x^{-\frac{1}{2}} y^4 \right)^{\frac{1}{4}}}{x^{\frac{2}{3}} y^{\frac{3}{2}} \cdot x^{-\frac{3}{2}} y^{\frac{1}{2}}}$$