

Exponents rules (again) now the exponents are fractions

Simplify. Your answer should contain only positive exponents with no fractional exponents in the denominator.

1) $n^{-\frac{5}{4}} \cdot 4n^{\frac{5}{4}}$

2) $p^{\frac{1}{2}} \cdot \left(p^{-\frac{1}{4}}\right)^{-\frac{1}{2}}$

3) $\left(v^{\frac{1}{3}}\right)^{-\frac{2}{3}}$

4) $\frac{\left(\frac{2}{r^3}\right)^{\frac{1}{2}}}{r^{\frac{4}{3}}}$

5) $\frac{3b^{\frac{4}{3}}}{2b^{-1} \cdot 3b^0}$

6) $\frac{3k^0}{2k^{-\frac{3}{2}}}$