

Exercise 1.31

What exponential notation do the following abbreviations represent? (a) d, (b) c, (c) f, (d) μ , (e) M, (f) k, (g) n, (h) m, (i) p.

Solution

The SI prefixes are listed on page 18.

- (a) d - deci - 10^{-1}
- (b) c - centi - 10^{-2}
- (c) f - femto - 10^{-15}
- (d) μ - micro - 10^{-6}
- (e) M - mega - 10^6
- (f) k - kilo - 10^3
- (g) n - nano - 10^{-9}
- (h) m - milli - 10^{-3}
- (i) p - pico - 10^{-12}