Position

Position[expr, pattern] gives a list of the positions at which objects matching pattern appear in expr.

Example: Position[{1 + x^2, 5, x^4}, x] -> {{1}, {2}, {3}}. Position[expr, pattern] tests all the subparts of expr in turn to try and find ones that match pattern. Position returns a list of positions in a form suitable for use in MapAt. See pages 177 and 235. See also: Cases, Count.