Secret "Weapon" to ~~determine~~ decide types in C,

① If I define variable   int **p ;

what's the type of p ? ⟹ (int **) (p)

put a parens around p,
⟹ the rest is the type of p,
which is int **.

what is the type of *p? (int *) (*p)
↳ int *

what's the type of **p   (int) (**p)
↳ int

② If we define int *a ;
what's the type of a   (int *)(a)
↳ int *

what's the type of *a?   (int)(*a)
↳ int

③ If we have   char *name[10] ;
what's the type of name[i] ?   (char *) (name[i])
↳ char *

④ If we have char a[100]
what's the type of a[i] ?   (char) (a[i])
↳ char.