Homework 4, due 2/9

Assume the following declarations:

```cpp
class Node {
  Node *a[10];
  Node *p;
  double (*g)(Node*);
  char *f(Node*);
  int *f(Node**);
} *r;
```

Match each of the following expressions to its type by connecting them with a line:

- `r->f(r)` pointer to double
- `(*r->g)(r)` pointer to Node
- `r->a[i]` pointer to character
- `r[i].a` pointer to integer
- `*(r).p` pointer to pointer to Node
- `(*r->p).f(r->a)` Node