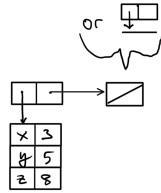


SOLUTIONS

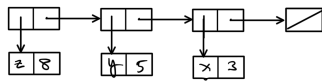
Question 1:

```
let
  x = 3
  y = 5
  z = 8
in
  +(x, +(y, z))
```



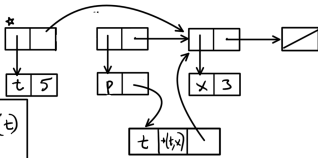
Question 2:

```
let
  x = 3
in
  let
    y = 5
  in
    let
      z = 8
    in
      +(x, +(y, z))
```



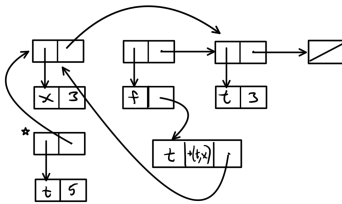
Question 3:

```
let
  x = 3
in
  let
    p = proc(t)
      +(t, x)
  in
    .p(5)
```



Question 4:

```
let
  t = 3
in
  let
    f = let
      x = t
    in
      proc(t)
        +(t, x)
  in
    .f(5)
```



Question 5:

```
letrec
  sumi = proc(x)
    if x
    then
      +(x, sumi(sub(x)))
    else 0
  3
in
  .sumi(1)
```

