Question 3

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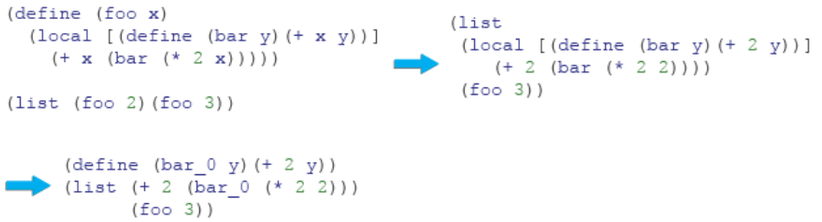
1/1 point (graded)



What is the result of the next step of the evaluation?

```
(define (bar_0 (+ 2 y))
(list (+ 2 (bar_0 4))
      (foo 3))
```

```
(define (bar_0 (+ 2 y))
(list (+ 2 (+ 2 4))
      (foo 3))
```

```
(define (bar_0 (+ 2 y))
(list (+ 2 (+ 2 (* 2 2)))
      (foo 3))
```

Explanation

Before we replace the function call expression `(bar_0 (* 2 2))` with the body of the function, we must first evaluate the argument `(* 2 2)` to 4.

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Answers are displayed within the problem