

Question 8

Question 8

1 point possible (graded)

After the previous step of the evaluation we are left with:

$$\begin{array}{c}
 (\text{foo } (+ \ 1 \ 1) \ 4) \quad \longrightarrow \quad (\text{foo } 2 \ 4) \quad \longrightarrow \quad \begin{array}{c} (+ \ (* \ 3 \ 2) \\ 4 \\ (* \ 4 \ 2)) \end{array} \\
 \longrightarrow \quad \begin{array}{c} (+ \ 6 \\ 4 \\ (* \ 4 \ 2)) \end{array} \quad \longrightarrow \quad \begin{array}{c} (+ \ 6 \\ 4 \\ 8) \end{array}
 \end{array}$$

What is the next step of the evaluation and what does that leave us with?

☐ 6 and 4 are added to produce 10.
☐ 6, 4, and 8 are added to produce 14.
☒ 6, 4, and 8 are added to produce 18.


Explanation

Finally, the expression $(+ \ 6 \ 4 \ 8)$ evaluates to 18.

Answers are displayed within the problem