

Name \_\_\_\_\_ Section \_\_\_\_\_

1. As discussed last class, what three features are required in a fully functional programming language?
2. Write a Scheme expression that will add the product of 2 and 3 to the product of 4 and 5.
3. For each of the following expressions given to the interpreter, use the blank below it and write the response of the interpreter as closely as you can. Assume there are no previous interactions.

> 5

\_\_\_\_\_

> x

\_\_\_\_\_

> (lambda (a) (- a a))

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