1. For each of the following expressions, what value will the expression give? Verify your answers by typing the expressions into Python.

   a. `9 - 3`
   b. `8 * 2.5`
   c. `9 / 2`
   d. `9 / -2`
   e. `9 // -2`
   f. `9 % 2`
   g. `9.0 % 2`
   h. `9 % 2.0`
   i. `9 % -2`
   j. `-9 % 2`
   k. `9 / -2.0`
   l. `4 + 3 * 5`
   m. `(4 + 3) * 5`

2. Unary minus negates a number. Unary plus exists as well; for example, Python understands `+5`. If `x` has the value `-17`, what do you think `+x` should do? Should it leave the sign of the number alone? Should it act like absolute value, removing any negation? Use the Python shell to find out its behavior.

3. Write two assignment statements that do the following.

   a. Create a new variable, `temp`, and assign it the value `24`.

   b. Convert the value in `temp` from Celsius to Fahrenheit by multiplying by `1.8` and adding `32`; make `temp` refer to the resulting value.

   What is `temp`'s new value?

4. For each of the following expressions, in which order are the subexpressions evaluated?

   a. `6 * 3 + 7 * 4`
   b. `5 + 3 / 4`
   c. `5 - 2 * 3 ** 4`

5. a. Create a new variable `x`, and assign it the value `10.5`.

   b. Create a new variable `y`, and assign it the value `4`.

   c. Sum `x` and `y`, and make `x` refer to the resulting value. After this statement has been executed, what are `x` and `y`'s values?