Problem 1

1. Boolean
2. Selection
3. Comparison/relational
4. Logical
5. **`or`**

Problem 2

1. C & D
2. A
3. A
4. A & B
5. C
6. A & D

Problem 3

a. This code will call **`print("Done.")`** because **`shouldContinue`** currently has the value **`False`**.

b. This code is the same as above, just without the redundant comparison to **`True`**.

c. **`"Message 1"`** will print because the first part of the **`or`** statement is **`True`**; this short-circuits the evaluation.

d. **`"Banana"`** will print because **`shouldContinue`** has the value **`False`**, which short-circuits the **`and`** statement.

Problem 4

a. **`num3 == 2 * (num1 + num2)`**

b. **`(num1 % 2) == 0`**

c. **`num1 is 2 or num1 is 2`**

d. **`not(num1 is 2 or num1 is 2)`**

e. **`num1 is not 1 and num1 is not 2`**

f. **`num1 < num3 and (num1 != num2 and num2 != num3)`**