

Chem 191 | Blink Worksheet

Name: _____

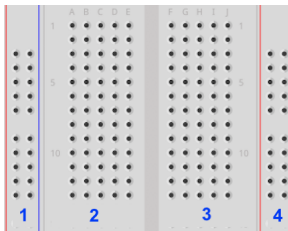
Instructions: Complete this worksheet along with Exercise 1 in the Teensy Workbook.

Grading: This assignment counts for 25 points toward your lab grade.

Submitting: Before you leave today, turn in a hardcopy of this assignment to your instructor and an electronic copy of your Arduino code to Dropbox with the “Exercise 2 - Blink - Code” Link.

Filename Example: `seriousUmbrellas_blink.ino`

1. Draw lines on the breadboard below to show how the pins are connected internally. Show at least two lines for each of the 4 sections.



2. In your own words, describe what a *sketch* is as it relates to programming.

3. Write what each line does in the code below. Write your answers at the end of each line.

```
void(loop) {  
    digitalWrite(led, HIGH);  
    delay(2000);  
    digitalWrite(led, LOW);  
    delay(5000);  
}
```

4. Each group should submit a copy of their *Blink* code to Dropbox. Make sure it's titled according to the format ***groupname__blink.ino*** or you'll get points deducted!