

CPS171**In-Class Exercise on Data Types**

Please work in pairs to complete this exercise. For each of the following quantities, please write a declaration including data types and whether it should be constant. The data types we will look at today are int, float, char, and string.

Example: write a declaration for the mathematical value of “pi”

```
const float pi = 3.14159;
```

1. The number of full-time employees working at a factory
2. The name of a customer to be invoiced
3. The Michigan sales tax rate
4. Tuition balance remaining on student's account
5. Michigan automobile license plate
6. Number of dependents listed on an income tax form
7. Current conversion rate for dollars to euros
8. Months in a year
9. Days in the current month
10. How many credit hours you are taking
11. Credit hours required for a certificate in C++ Programming
12. Drivers license number
13. Gender of student
14. Inches in a meter