

Answer the questions in the spaces provided on the question sheets. If you run out of room for an answer, continue on the back of the page. Show all work.

ID and section: _____

Question:	1	2	3	Total
Points:	2	4	4	10
Score:				

1. (2 points) Match the type to its value:

- | | |
|-----------|--------------------------|
| 1. int | a) 'a' |
| 2. float | b) 3.14 |
| 3. char | c) 6.32×10^{30} |
| 4. double | d) 42 |

2. (4 points) What are the values of **a** and **b** after the program ends?

```
#include iostream
using namespace std
```

```
int main(){
    int a = 5;
    int b = 3;

    a = a + b;
    b = a - b;
    a = a - b;
}
```

2. _____

3. (4 points) What is the value of x after the program ends?

```
#include iostream
using namespace std
```

```
int main(){
    int x = 10;
    x*=15+50;
    x+=25;
    x/=5-10;
    x-=10/5;
}
```

3. _____