

CS 101: Quiz #2, February 4, 2009

SOLUTIONS

1. What is the value of each of the following expressions?

(a) $15 + 7 * 3$

Solution: $15 + 7 * 3$ is $15 + 21$ is 36.

(b) $(15 + 7) * 3$

Solution: $(15 + 7) * 3$ is $22 * 3$ is 66.

(c) $27 \% 5 + 7 \% 3$

Solution: $27 \% 5 + 7 \% 3$ is $2 + 1$ is 3.

(d) $100 / 2 / 2 / 2$

Solution: $100 / 2 / 2 / 2$ is $50 / 2 / 2$ is $25 / 2$ is 12.

2. What is the output of the following Java program?

```
public class Testing{
    public static void main(String[] args){
        int x = 4, y = -1;
        System.out.println(x + " " + y);
        x += y;
        System.out.println(x);
    }
}
```

Solution:

4 -1

3