

Name : \_\_\_\_\_ Date : \_\_\_\_\_

## A+ Linked List Worksheet 1

1. What is the output?

```
ListNode x = new ListNode("6",
    new ListNode("2",
        new ListNode("8",null)));

out.println(x.getValue());
out.println(x.getNext().getNext().getValue());
out.println(x.getNext().getValue());
```

2. What is the output?

```
ListNode y = new ListNode("go",
    new ListNode("on",
        new ListNode("at",
            new ListNode("over",null))));

out.println(y.getValue());
out.println(y.getNext().getNext().getNext().getValue());
out.println(y.getNext().getValue());
out.println(y.getNext().getNext().getValue());
```

3. Fill the blanks below to print out the entire list.

What should fill <\*1>? \_\_\_\_\_

What should fill <\*2>? \_\_\_\_\_

What should fill <\*3>? \_\_\_\_\_

```
ListNode z = new ListNode("go",
    new ListNode("on",
        new ListNode("at",
            new ListNode("up",
                new ListNode("over",null))));

while( <*1 > )
{
    <*2>

    <*3>
}
```