

Name: Solution

1. Fill in the blanks that will reflect the output in R, for the commands given below:

```
> a = 5 | 4
> b = !3
> x = c(0, 5, 3, 7); y = c(0, 2, 8, 7); u = x[(x>y) & (x>4)]
> A = matrix(1:8, nrow= 2)
> B = matrix(1,3,4)
> a
```

```
[1] TRUE
```

```
> b
```

```
[1] FALSE
```

```
> u
```

```
[1] 5
```

```
> A
```

```
      [,1] [,2] [,3] [,4]
[1,]    1    3    5    7
[2,]    2    4    6    8
```

```
> B
```

```
      [,1] [,2] [,3] [,4]
[1,]    1    1    1    1
[2,]    1    1    1    1
[3,]    1    1    1    1
```