

TakeHome2RWork

1.

```
a = (520 - 500)/(60 / sqrt(32))  
a
```

```
[1] 1.885618
```

```
alpha = 0.1/2  
alpha
```

```
[1] 0.05
```

```
critVal = qnorm(.99)  
critVal
```

```
[1] 2.326348
```

```
pVal = 1 - pnorm(a)  
pVal
```

```
[1] 0.02967322
```