Practice Problem

Look at the following dataset:

```
 [1] 50 15 41 52 45 39 87 42 30 18 65 24 79 64 31 74 60 73  2  9
```

A researcher has shown that the population mean is 52 and the standard deviation is 6.2102627. Use the Z-Test to find out if this sample is different from the established mean and standard deviation.