

Week 2: Assignment Answer Key

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1. Basic Expressions

```
## [1] -8
```

```
## [1] 15
```

```
## [1] 4.5
```

```
## [1] -1
```

```
## [1] 4
```

```
## [1] 16
```

```
## [1] 2
```

2. Basic Variables

```
## [1] 1.58759
```

3. More Variables

```
## [1] 0.75
```

4. Built-In Functions

```
## [1] 15.5
```

```
## [1] 4.5
```

```
## [1] 4
```

```
## [1] "SPECIES"
```

```
## [1] "species"
```

```
## [1] 1.61
```

```
## [1] 1.61
```

5. Modify the Code

```
## [1] 2035
```

```
## [1] 35
```

```
## [1] 742775
```

6. Basic Vectors

```
## [1] 5
```

```
## [1] 26
```

```
## [1] 2
```

```
## [1] 26
```

```
## [1] 11.4
```

```
## [1] 5 2 26
```

```
## [1] 57
```

7. Null Vectors

```
## [1] 5
```

```
## [1] 42
```

```
## [1] 16.4
```

```
## [1] 82
```

8. Shrub Volume Vectors

```
## [1] 27.456 35.112 8.910 20.250 38.440 NA 15.390 1.265 52.500 25.056
```

```
## [1] 224.379
```

```
## [1] 2.2 1.5 4.0 7.5 3.2
```

```
## [1] 9.6 7.6 7.5
```

```
## [1] 9.6 7.6 2.2 1.5 4.0
```

```
## [1] 27.456 35.112 8.910
```

```
## [1] "Challenge"
```

```
## [1] NA 15.390 1.265 52.500 25.056
```