Final Exam Key – RuffeMorph
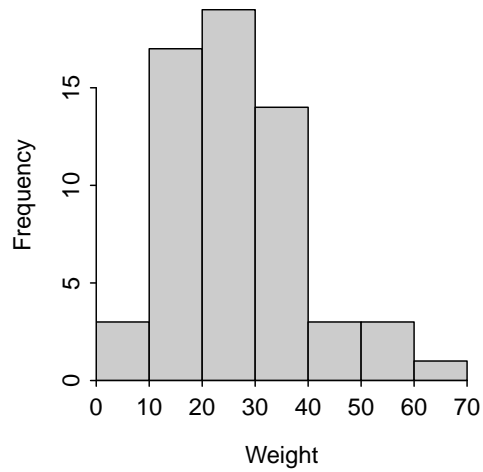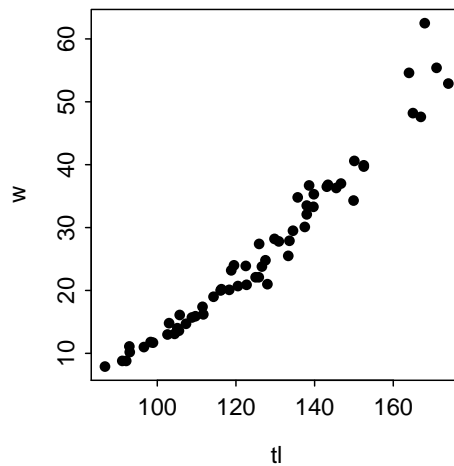
```
     n    mean     sd    min    Q1 median     Q3    max
60.000 26.267 12.985  7.900 15.850 23.850 34.925 62.500
```


Weight

```
 f  m
70 30
```

The correlation is 0.975


```
(Intercept)          tl
  1.2604711   0.6157089
The predicted value at a median of 125.85 is 78.747
The residual is 70 - 75.146 = -5.146
The r-squared value is 0.867
```

```
            f  m
  Allouez    15  6
  Interstate 13  7
  Whaleback  14  5


             f    m
  Allouez    14.7 6.3
  Interstate 14.0 6.0
  Whaleback  13.3 5.7
```

```
Pearson's Chi-squared test with table(rm$loc, rm$sex)
X-squared = 0.3813, df = 2, p-value = 0.8264
```

```
Levene's Test for Homogeneity of Variance (center = median)
      Df F value Pr(>F)
group  1  0.0989 0.7543
      58
```

```
 Two Sample t-test with bg by sex
t = -0.4124, df = 58, p-value = 0.3408
alternative hypothesis: true difference in means is less than 0
95 percent confidence interval:
     -Inf 5.246924
sample estimates:
mean in group f mean in group m
      78.47619        80.19444
```