## **Exploratory Data Analysis on Ascites Hepatic**

On this **EDA** data regarding Ascites Hepatic, Datasets that belong to a Hepatitis patiencs were used, since it data that could be used to complete this resource.

```
In [207...
         #Importing the Libraries that will be used for the Exploratory Data Analysis
         import pandas as pd
         import seaborn as sns
         import matplotlib.pyplot as plt
         #OpenING the files that will be used on the Ascites Hepatic EDA
In [243...
          table1 = pd.read_csv("cirrhosis.csv")
          table2 = pd.read_csv("test_dataset.csv")
          table3 = pd.read_csv("train_dataset.csv")
```

## Its is alwyas best to have an idea of what is in the data before starting the EDA

```
#Checking the First 5 rows of the first Table (cirrhosis)
In [209...
           table1.head()
                                                                                                      Bilirubin Choleste
               ID N_Days Status
                                                  Age Sex Ascites Hepatomegaly
                                                                                     Spiders Edema
Out[209]:
                                          Drug
                                             D-
            0
                1
                       400
                                                 21464
                                                                   Υ
                                                                                           Υ
                                                                                                   Υ
                                                                                                          14.5
                                                                                                                     26
                                D
                                    penicillamine
                                             D-
                      4500
                                                 20617
                                                          F
                                                                                  Υ
                2
                                                                   Ν
                                                                                           Υ
                                                                                                   Ν
                                                                                                           1.1
                                                                                                                     30
            1
                                    penicillamine
            2
                3
                                                 25594
                                                                                                   S
                      1012
                                                          M
                                                                   Ν
                                                                                  Ν
                                                                                          Ν
                                                                                                           1.4
                                                                                                                     17
                                    penicillamine
                                                                                                   S
            3
                      1925
                                                 19994
                                                                   Ν
                                                                                           Υ
                                                                                                           1.8
                                                                                                                     24
                                    penicillamine
                5
                      1504
                               CL
                                        Placebo 13918
                                                          F
                                                                   Ν
                                                                                  Υ
                                                                                           Υ
                                                                                                   Ν
                                                                                                           3.4
                                                                                                                     27
            4
           #First 5 rows of the second Table (Test_Dataset)
In [210...
           table2.head()
                                                                                       Spiders
                                                                                                                  Chole
                  ID N_Days
                              Status
                                                          Sex Ascites
                                                                        Hepatomegaly
                                                                                                Edema
                                                                                                        Bilirubin
Out[210]:
                                             Drug
                                                     Age
            0 3870
                                   С
                                          Placebo
                                                   22553
                                                             F
                          41
                                                                     Ν
                                                                                 NaN
                                                                                             Ν
                                                                                                     Ν
                                                                                                             1.4
                                                   16223
                                                                                    Υ
            1 3462
                        1811
                                                             F
                                                                     Ν
                                                                                             Ν
                                                                                                     Ν
                                                                                                             0.3
                                      penicillamine
                                                   27100
                                                             F
                                                                                             Ν
            2 1632
                         954
                                                                     Ν
                                                                                    Ν
                                                                                                     Ν
                                                                                                             0.4
                                      penicillamine
                                   D
                                                   17039
                                                                                             Ν
            3
                722
                        1969
                                          Placebo
                                                             F
                                                                     Ν
                                                                                                     Ν
                                                                                                             1.2
                                               D-
            4 1000
                        2721
                                                   17738
                                                             F
                                                                   NaN
                                                                                  NaN
                                                                                          NaN
                                                                                                     Ν
                                                                                                             3.2
                                      penicillamine
           #First 5 rows of the third Table (Train_Dataset)
```

In [211...

table3.head()

| Out[211]: |  | ID   | N_Days | Status | Drug                | Age   | Sex   | Ascites | Hepatomegaly | Spiders | Edema | Bilirubin | Chole |
|-----------|--|------|--------|--------|---------------------|-------|-------|---------|--------------|---------|-------|-----------|-------|
|           | 0  | 7135 | 1654   | CL     | D-<br>penicillamine | 19581 | F     | N       | N            | Υ       | N     | 0.3       |       |
|           | 1  | 7326 | 41     | С      | D-<br>penicillamine | 22880 | F     | NaN     | N            | NaN     | N     | 0.3       |       |
|           | 2  | 7254 | 297    | D      | NaN                 | 27957 | F     | N       | N            | NaN     | N     | 0.3       |       |
|           | 3  | 3135 | 1872   | С      | D-<br>penicillamine | 21111 | F     | NaN     | Υ            | Υ       | N     | 0.3       |       |
|           | 4  | 2483 | 939    | CL     | D-<br>penicillamine | 18061 | F     | NaN     | NaN          | NaN     | N     | 0.5       |       |
| In [212   |  |      |        | eral i | nfo of what         | the 1 | first | data h  | as           |         |       |           |       |
| In [213   | <pre>calass 'pandas.core.frame.DataFrame'&gt; RangeIndex: 418 entries, 0 to 417 Data columns (total 20 columns):     # Column</pre>      |      |        |        |                     |       |       |         |              |         | 11, f |           |       |
| In [214   | <pre>dfs= [table1, table2, table3] final_table = pd.concat(dfs, ignore_index=True)  #Checking the new Dataframe final_table.head()</pre> |      |        |        |                     |       |       |         |              |         |       |           |       |

In [214... #Checking the new Dataframe final\_table.head()

Out[214]: ID N\_Days Status Drug Age Sex Ascites Hepatomegaly Spiders Edema Bilirubin Cholest

| Out[214]: |   | ID | N_Days | Status | Drug                | Age   | Sex | Ascites | Hepatomegaly | Spiders | Edema | Bilirubin | Choleste |
|-----------|---|----|--------|--------|---------------------|-------|-----|---------|--------------|---------|-------|-----------|----------|
|           | 0 | 1  | 400    | D      | D-<br>penicillamine | 21464 | F   | Υ       | Υ            | Υ       | Υ     | 14.5      | 26       |
|           | 1 | 2  | 4500   | С      | D-<br>penicillamine | 20617 | F   | N       | Υ            | Υ       | N     | 1.1       | 30       |
|           | 2 | 3  | 1012   | D      | D-<br>penicillamine | 25594 | М   | N       | N            | N       | S     | 1.4       | 17       |
|           | 3 | 4  | 1925   | D      | D-<br>penicillamine | 19994 | F   | N       | Υ            | Υ       | S     | 1.8       | 24       |

```
4 5
                  1504
                          CL
                                 Placebo 13918
                                                                                         3.4
                                                                                                  27
In [215...
         #Deleting the unnecessary columns for the EDA
         drops = ['ID','N_Days','Spiders','Edema','Bilirubin','Albumin', 'Copper','Alk_Phos','SGO
         final_table= final_table.drop(columns=drops)
In [216... | #Chechin gthe generalised data of the Final_table
         final_table.info()
         <class 'pandas.core.frame.DataFrame'>
         RangeIndex: 10418 entries, 0 to 10417
         Data columns (total 8 columns):
              Column
                            Non-Null Count Dtype
              -----
          0
              Status
                           10418 non-null object
                            7324 non-null
                                             object
          1
              Drug
                            10418 non-null int64
          2
              Age
          3
                            10418 non-null object
              Sex
                                             object
          4
              Ascites
                           6979 non-null
          5
              Hepatomegaly 6783 non-null
                                             object
          6
              Cholesterol
                            5748 non-null
                                             float64
          7
                            7212 non-null
                                             float64
         dtypes: float64(2), int64(1), object(5)
         memory usage: 651.2+ KB
In [217...
         #Removing more columns and changing the data in the Age column, which had all its data i
         drops2 = ['Hepatomegaly', 'Drug']
         final_table= final_table.drop(columns=drops2)
         final_table['Age'] = final_table['Age']/365
         final_table['Age'] = final_table['Age'].astype(int)
In [218...
         #Cheching for the generalised data of the Final_table
         final_table.info()
         <class 'pandas.core.frame.DataFrame'>
         RangeIndex: 10418 entries, 0 to 10417
         Data columns (total 6 columns):
          #
              Column
                           Non-Null Count Dtype
          - - -
              Status
                           10418 non-null object
                           10418 non-null int64
          1
              Age
          2
                           10418 non-null object
              Sex
          3
              Ascites
                          6979 non-null
                                            object
              Cholesterol 5748 non-null
                                            float64
              Stage
                           7212 non-null
                                            float64
         dtypes: float64(2), int64(1), object(3)
         memory usage: 488.5+ KB
In [219...
         #Checkin gthe first 5 Rows
         final_table.head()
Out[219]:
             Status Age Sex Ascites Cholesterol Stage
          0
                D
                    58
                          F
                                 Υ
                                        261.0
                                                4.0
          1
                 С
                    56
                                 Ν
                                        302.0
                                                3.0
          2
                D
                    70
                                 Ν
                                        176.0
                                                4.0
                         M
```

```
In [220... final_table['Ascites'].groupby(final_table['Sex']).describe()
```

4.0

3.0

3

4

D

CL

54

38

F

F

Ν

Ν

244.0

279.0

```
F 6012 2 N 5292

M 967 2 N 845

In [221... final_table['Ascites']= final_table['Ascites'].map({'Y':True, 'N':False})
    final_table= final_table.dropna(axis=0)
In [222... final_table['Sex']= final_table['Sex'].map({'M':1, 'F':0})
final_table= final_table.dropna(axis=0)
```

count unique top freq

Out[220]:

Sex

**Note:** For this particular **EDA** no duplicastes were eliminated because, duplicates are acepted, due to the fact that two or more pacients can experience the same issues

## Below statistics techniques were used to find the correlaction between the columns

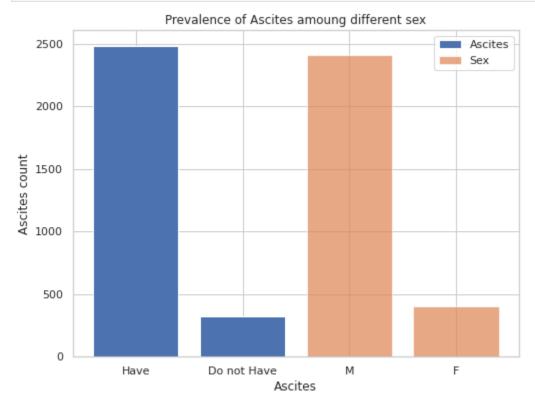
```
#Importing Stats libraries
In [223...
         from scipy import stats
         correlation_coefficient, p_value = stats.pointbiserialr(final_table['Ascites'], final_ta
         print(f'Point-Biserial Correlation Coefficient: {correlation_coefficient}')
         print(f'P-Value: {p_value}')
         if p_value < 0.05: # You can choose a significance level (e.g., 0.05) for hypothesis te
             print('There is a significant correlation.')
             print('There is no significant correlation.')
         Point-Biserial Correlation Coefficient: 0.018042444203424293
         P-Value: 0.3391218850784023
         There is no significant correlation.
In [224... | from scipy import stats
         correlation_coefficient, p_value = stats.pointbiserialr(final_table['Ascites'], final_ta
         print(f'Point-Biserial Correlation Coefficient: {correlation_coefficient}')
         print(f'P-Value: {p_value}')
         if p_value < 0.05: # You can choose a significance level (e.g., 0.05) for hypothesis te
             print('There is a significant correlation.')
         else:
             print('There is no significant correlation.')
         Point-Biserial Correlation Coefficient: 0.003878705894147386
         P-Value: 0.8371965852391984
         There is no significant correlation.
         correlation_coefficient, p_value = stats.pointbiserialr(final_table['Sex'], final_table[
In [225...
         print(f'Point-Biserial Correlation Coefficient: {correlation_coefficient}')
         print(f'P-Value: {p_value}')
```

if p\_value < 0.05: # You can choose a significance level (e.g., 0.05) for hypothesis te

```
print('There is a significant correlation.')
else:
    print('There is no significant correlation.')

Point-Biserial Correlation Coefficient: -0.016894286366949427
P-Value: 0.3707536682849071
There is no significant correlation.
```

After realizing that isng a significant correlaction amoung the column we presumed to check the prevalance of **Ascites** amoung the different Sex, age and Stages of Hepatitis



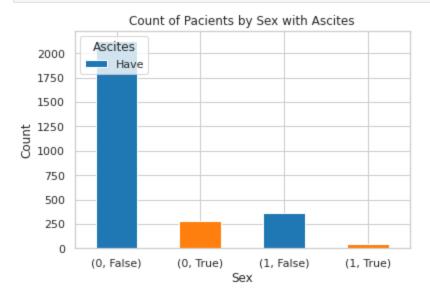
```
In [227... # Group by 'Column1' and count occurrences of True and False in 'Column2'
    counts = final_table.groupby('Sex')['Ascites'].value_counts()

# Define custom colors for the bars
    colors = ['#1f77b4', '#ff7f0e'] # Blue and orange
```

```
# Create a bar chart
ax = counts.plot(kind='bar', stacked=True, color=colors)

# Customize the chart labels and legend
plt.xlabel('Sex')
plt.ylabel('Count')
plt.title('Count of Pacients by Sex with Ascites')
plt.xticks(rotation=0)
plt.legend(title='Ascites', labels=['Have', 'Dont Have'], loc='upper left')

# Show the chart
plt.show()
```



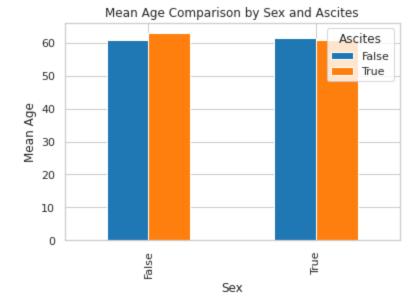
```
In [228... # Group by 'ColumnB' and 'ColumnA', and calculate the mean age for each group
grouped = final_table.groupby(['Ascites', 'Sex'])['Age'].mean().unstack(fill_value=0)

# Define custom colors for the bars
colors = ['#1f77b4', '#ff7f0e'] # Blue and orange

# Create a bar chart with custom colors
ax = grouped.plot(kind='bar', color=colors)

# Customize the chart labels and legend
plt.xlabel('Sex')
plt.ylabel('Mean Age')
plt.title('Mean Age Comparison by Sex and Ascites')
plt.legend(title='Ascites', labels=['False', 'True'], loc='upper right')

# Show the chart
plt.show()
```

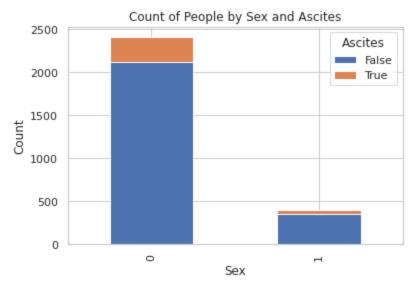


```
In [229... # Group by 'Sex' and 'ColumnB' and count the number of rows in each group
grouped = final_table.groupby(['Sex', 'Ascites']).size().unstack(fill_value=0)

# Create a bar chart
ax = grouped.plot(kind='bar', stacked=True)

# Customize the chart labels and legend
plt.xlabel('Sex')
plt.ylabel('Count')
plt.title('Count of People by Sex and Ascites')
plt.legend(title='Ascites', labels=['False', 'True'], loc='upper right')

# Show the chart
plt.show()
```



```
In [230...
          final_table.value_counts()
                                         Cholesterol
           Status
                    Age
                          Sex Ascites
                                                        Stage
Out[230]:
           С
                    78
                          0
                               False
                                         120.0
                                                        4.0
                                                                  14
           D
                    78
                          0
                               False
                                         120.0
                                                        2.0
                                                                   5
           С
                    76
                               False
                          0
                                         120.0
                                                        4.0
                                                                   4
                    54
                               False
                          0
                                         120.0
                                                        4.0
                                                                   4
           D
                    78
                               False
                                         120.0
                                                        3.0
                                                                   4
                          0
           С
                    78
                                                                   3
                               False
                                         120.0
                                                        2.0
           D
                    72
                          0
                               False
                                         371.0
                                                        4.0
                                                                   3
                                                                   3
           С
                    70
                               False
                                         397.0
                                                        4.0
                    78
                                                                   3
                          0
                               False
                                         324.0
                                                        4.0
```

|          |          |        |                | 349.0          | 4.0        | 3      |
|----------|----------|--------|----------------|----------------|------------|--------|
| D        | 78       | 0      | False          | 120.0          | 4.0        | 3      |
|          |          |        |                | 315.0          | 4.0        | 2      |
| С        | 57       | 0      | False          | 314.0          | 4.0        | 2      |
| D        | 78       | 0      | False          | 290.0          | 2.0        | 2      |
| С        | 78       | 0      | False          | 295.0          | 4.0        | 2      |
| D        | 78       | 0      | False          | 304.0          | 2.0        | 2      |
| С        | 65       | 0      | False          | 120.0          | 4.0        | 2      |
|          | 55       | 0      | False          | 311.0          | 4.0        | 2      |
| <b>D</b> | 77       | 0      | False          | 326.0          | 2.0        | 2      |
| D        | 50       | 0      | False          | 386.0          | 4.0        | 2      |
|          | 77<br>78 | 0<br>0 | False<br>False | 120.0<br>333.0 | 4.0<br>2.0 | 2      |
|          | 70       | U      | raise          | 334.0          | 4.0        | 2      |
| С        | 50       | 0      | False          | 120.0          | 4.0        | 2      |
| Ü        | 44       | 0      | False          | 303.0          | 2.0        | 2      |
|          | 78       | 0      | False          | 313.0          | 3.0        | 2      |
|          |          | 1      | False          | 120.0          | 3.0        | 2      |
|          |          | 0      | False          | 317.0          | 1.0        | 2      |
|          | 69       | 0      | False          | 331.0          | 4.0        | 2      |
|          | 59       | 0      | False          | 120.0          | 4.0        | 2      |
| D        | 71       | 0      | False          | 120.0          | 1.0        | 2      |
| С        | 78       | 1      | False          | 366.0          | 4.0        | 2      |
|          |          | 0      | False          | 186.0          | 4.0        | 2      |
|          | 64       | 0      | False          | 120.0          | 3.0        | 2      |
| D        | 59       | 0      | False          | 326.0          | 4.0        | 2      |
| С        | 78       | 0      | False          | 193.0          | 4.0        | 2      |
|          |          |        |                | 194.0          | 4.0        | 2      |
| D        | 59       | 0      | False          | 338.0          | 2.0        | 2      |
|          | 78       | 0      | False          | 182.0          | 4.0        | 2      |
| 0        | 70       | 0      | годоо          | 189.0          | 4.0        | 2      |
| С        | 78       | 0      | False          | 136.0          | 2.0        | 2      |
|          | 63<br>48 | 0<br>0 | False<br>False | 345.0<br>120.0 | 2.0<br>4.0 | 2      |
|          | 63       | 0      | False          | 339.0          | 4.0        | 2      |
|          | 69       | 0      | False          | 120.0          | 4.0        | 2      |
|          | 68       | 0      | False          | 120.0          | 3.0        | 2      |
|          | 78       | 0      | False          | 120.0          | 1.0        | 2      |
| D        | 78       | 0      | False          | 351.0          | 4.0        | 2      |
| C        | 64       | 0      | False          | 319.0          | 4.0        | 2      |
|          | 78       | 0      | False          | 333.0          | 4.0        | 2      |
|          |          |        |                | 331.0          | 4.0        | 2      |
| D        | 61       | 1      | False          | 120.0          | 4.0        | 2      |
| С        | 78       | 0      | False          | 344.0          | 4.0        | 2      |
|          |          |        |                | 355.0          | 4.0        | 2      |
|          | 67       | 0      | False          | 120.0          | 4.0        | 2      |
| D        | 69       | 0      | False          | 320.0          | 1.0        | 2      |
| С        | 78       | 0      | False          | 336.0          | 2.0        | 2      |
|          |          |        | _              | 335.0          | 4.0        | 2      |
|          | 70       | 0      | False          | 349.0          | 4.0        | 2      |
| _        | 56       | 0      | False          | 302.0          | 3.0        | 2      |
| D        | 78       | 0      | True           | 120.0          | 4.0        | 2      |
| С        | 78       | 0      | False          | 329.0          | 4.0        | 2      |
| D        | 56<br>70 | 0      | False          | 120.0          | 2.0        | 2      |
| С        | 78       | 0      | False          | 390.0          | 4.0        | 2      |
| D<br>C   | 62<br>72 | 0<br>0 | False          | 120.0          | 4.0<br>4.0 | 2<br>2 |
| D        | 55       | 0      | False<br>False | 120.0<br>120.0 | 4.0        | 2      |
| C        | 55<br>71 | 0      | False          | 278.0          | 4.0        | 2      |
| D        | 71<br>54 | 0      | False          | 324.0          | 4.0        | 2      |
| C        | 78       | 0      | False          | 356.0          | 4.0        | 2      |
| D        | 46       | 0      | False          | 334.0          | 4.0        | 1      |
| _        | 48       | 0      | False          | 319.0          | 3.0        | 1      |
|          | 46       | 0      | False          | 333.0          | 4.0        | 1      |
|          | . •      | -      |                | 332.0          | 4.0        | 1      |
|          | 48       | 0      | False          | 319.0          | 4.0        | 1      |
|          | -        |        |                |                |            |        |

|   |          |        |               | 343.0          | 3.0        | 1      |
|---|----------|--------|---------------|----------------|------------|--------|
|   | 47       | 0      | False         | 436.0          | 4.0        | 1      |
|   | 46       | 0      | False         | 257.0          | 3.0        | 1      |
|   |          |        |               | 331.0          | 2.0        | 1      |
|   |          |        |               | 300.0          | 4.0        | 1      |
|   | 48       | 0      | False         | 354.0          | 4.0        | 1      |
|   | 46       | 0      | False         | 296.0          | 4.0        | 1      |
|   | 48       | 0      | False         | 355.0          | 3.0        | 1      |
|   | 45       | 1      | True          | 414.0          | 4.0        | 1      |
|   | 48       | 0      | False         | 379.0<br>390.0 | 1.0<br>3.0 | 1      |
|   | 45       | 1      | False         | 390.0          | 3.0        | 1<br>1 |
|   | 48       | 0      | False         | 404.0          | 2.0        | 1      |
|   | 40       | O      | True          | 188.0          | 4.0        | 1      |
|   | 45       | 1      | False         | 308.0          | 3.0        | 1      |
|   | 48       | 0      | True          | 218.0          | 4.0        | 1      |
|   |          |        |               | 296.0          | 3.0        | 1      |
|   | 45       | 1      | False         | 162.0          | 4.0        | 1      |
|   | 48       | 0      | False         | 317.0          | 4.0        | 1      |
|   |          |        |               | 314.0          | 3.0        | 1      |
|   | 46       | 0      | False         | 336.0          | 4.0        | 1      |
|   | 47       | 0      | True          | 259.0          | 2.0        | 1      |
|   |          |        | False         | 137.0          | 2.0        | 1      |
|   |          |        |               | 163.0<br>190.0 | 4.0<br>2.0 | 1      |
|   |          |        | True          | 350.0          | 4.0        | 1<br>1 |
|   | 45       | 1      | False         | 156.0          | 3.0        | 1      |
|   | 47       | 0      | False         | 262.0          | 4.0        | 1      |
|   | • •      | Ū      | 1 4200        | 323.0          | 1.0        | 1      |
|   | 46       | 0      | False         | 341.0          | 2.0        | 1      |
|   | 47       | 0      | True          | 120.0          | 1.0        | 1      |
|   |          |        | False         | 326.0          | 4.0        | 1      |
|   |          |        |               | 333.0          | 4.0        | 1      |
|   |          |        |               | 522.0          | 4.0        | 1      |
|   |          |        |               | 344.0          | 2.0        | 1      |
|   |          |        |               | 346.0          | 3.0        | 1      |
|   | 46       | 1      | False         | 427.0          | 3.0        | 1      |
|   | 47       | 0      | True          | 362.0          | 4.0        | 1      |
|   | 47<br>46 | 1<br>0 | False<br>True | 326.0<br>304.0 | 3.0<br>4.0 | 1<br>1 |
|   | 40       | U      | False         | 932.0          | 3.0        | 1      |
|   | 48       | 0      | False         | 178.0          | 2.0        | 1      |
|   | 46       | 0      | False         | 773.0          | 4.0        | 1      |
|   | . •      |        | . 0.200       | 535.0          | 4.0        | 1      |
|   |          |        |               | 405.0          | 2.0        | 1      |
|   | 48       | 0      | False         | 188.0          | 2.0        | 1      |
|   |          |        |               | 212.0          | 4.0        | 1      |
|   |          |        |               | 215.0          | 4.0        | 1      |
|   |          |        |               | 312.0          | 1.0        | 1      |
|   | 46       | 0      | False         | 376.0          | 4.0        | 1      |
|   |          |        |               | 372.0          | 3.0        | 1      |
|   | 47       | 0      | Гајаа         | 342.0          | 4.0        | 1      |
|   | 47       | 0      | False         | 359.0<br>228.0 | 4.0<br>3.0 | 1      |
| С | 26       | 0      | False         | 205.0          | 4.0        | 1<br>1 |
| D | 45       | 1      | False         | 139.0          | 2.0        | 1      |
| 5 | 41       | 0      | False         | 459.0          | 2.0        | 1      |
|   | -        | _      |               | 240.0          | 4.0        | 1      |
|   |          |        |               | 260.0          | 4.0        | 1      |
|   |          |        |               | 296.0          | 2.0        | 1      |
|   |          |        |               | 312.0          | 4.0        | 1      |
|   |          |        |               | 331.0          | 4.0        | 1      |
|   |          |        |               | 345.0          | 3.0        | 1      |
|   |          |        |               | 356.0          | 3.0        | 1      |
|   |          |        |               | 374.0          | 3.0        | 1      |
|   |          |        |               | 629.0          | 3.0        | 1      |

| 45  | 0      | True          | 309.0          | 4.0        | 1      |
|-----|--------|---------------|----------------|------------|--------|
| 41  | 0      | False         | 1276.0         | 3.0        | 1      |
|     | Ü      | True          | 366.0          | 2.0        | 1      |
| 42  | 0      | False         | 179.0          | 3.0        | 1      |
|     |        | . 0.200       | 206.0          | 4.0        | 1      |
|     |        |               | 222.0          | 4.0        | 1      |
|     |        |               | 229.0          | 4.0        | 1      |
|     |        |               | 230.0          | 4.0        | 1      |
|     |        |               | 322.0          | 4.0        | 1      |
| 41  | 0      | False         | 224.0          | 4.0        | 1      |
|     |        |               | 212.0          | 1.0        | 1      |
| 40  | 0      | True          | 338.0          | 4.0        | 1      |
|     |        | False         | 329.0          | 3.0        | 1      |
| 38  | 0      | False         | 382.0          | 4.0        | 1      |
|     |        |               | 486.0          | 3.0        | 1      |
|     |        | True          | 349.0          | 3.0        | 1      |
|     |        |               | 360.0          | 4.0        | 1      |
|     | 1      | True          | 281.0          | 2.0        | 1      |
| 39  | 0      | False         | 264.0          | 4.0        | 1      |
|     |        |               | 301.0          | 2.0        | 1      |
|     |        |               | 316.0          | 1.0        | 1      |
|     |        |               | 332.0          | 4.0        | 1      |
|     |        |               | 333.0          | 4.0        | 1      |
|     |        | True          | 286.0          | 4.0        | 1      |
|     |        | _             | 288.0          | 4.0        | 1      |
|     | 1      | False         | 120.0          | 2.0        | 1      |
| 40  | 0      | False         | 120.0          | 4.0        | 1      |
|     |        |               | 292.0          | 3.0        | 1      |
|     |        |               | 314.0          | 4.0        | 1      |
|     |        | _ ,           | 318.0          | 4.0        | 1      |
| 42  | 0      | False         | 352.0          | 2.0        | 1      |
|     |        |               | 370.0          | 4.0        | 1      |
| 4.4 | 0      | <b>-</b> -1   | 418.0          | 4.0        | 1      |
| 44  | 0      | False         | 350.0          | 3.0        | 1      |
|     |        | Truo          | 1775.0         | 3.0        | 1      |
| 48  | 1      | True<br>False | 222.0<br>251.0 | 4.0<br>2.0 | 1<br>1 |
| 44  | 1<br>0 | True          | 315.0          | 2.0        | 1      |
| 44  | 1      | False         | 161.0          | 1.0        | 1      |
|     | 1      | raise         | 202.0          | 3.0        | 1      |
|     |        |               | 456.0          | 2.0        | 1      |
| 45  | 0      | False         | 322.0          | 3.0        | 1      |
| .0  | Ü      | . 4200        | 325.0          | 4.0        | 1      |
|     |        |               | 334.0          | 2.0        | 1      |
|     |        |               | 337.0          | 1.0        | 1      |
|     |        |               | 338.0          | 1.0        | 1      |
|     |        |               | 342.0          | 2.0        | 1      |
|     |        |               | 354.0          | 4.0        | 1      |
|     |        |               | 370.0          | 1.0        | 1      |
|     |        |               | 482.0          | 3.0        | 1      |
|     |        | True          | 146.0          | 3.0        | 1      |
| 44  | 0      | False         | 408.0          | 2.0        | 1      |
|     |        |               | 349.0          | 3.0        | 1      |
| 42  | 0      | False         | 562.0          | 2.0        | 1      |
| 44  | 0      | False         | 322.0          | 4.0        | 1      |
| 42  | 0      | False         | 682.0          | 4.0        | 1      |
|     | 1      | True          | 405.0          | 4.0        | 1      |
| 43  | 0      | False         | 120.0          | 3.0        | 1      |
|     |        |               | 195.0          | 1.0        | 1      |
|     |        |               | 249.0          | 3.0        | 1      |
|     |        |               | 254.0          | 4.0        | 1      |
|     |        |               | 303.0          | 2.0        | 1      |
|     |        |               | 320.0          | 4.0        | 1      |
|     |        |               | 322.0          | 2.0        | 1      |
|     |        | True          | 365.0          | 4.0        | 1      |
|     |        | True          | 332.0          | 4.0        | 1      |

| 674.0                     | 4.0        | 1      |
|---------------------------|------------|--------|
| 1 False 268.0             | 4.0        | 1      |
| 355.0                     | 3.0        | 1      |
| True 205.0                | 4.0        | 1      |
| 44 0 False 146.0          | 4.0        | 1      |
| 274.0                     | 4.0        | 1      |
| True 307.0                | 3.0        | 1      |
| 49 0 False 950.0          | 4.0        | 1      |
| 48 1 False 376.0          | 4.0        | 1      |
| 53 0 False 257.0          | 4.0        | 1      |
| 160.0<br>171.0            | 3.0        | 1<br>1 |
| 171.0                     | 3.0<br>4.0 | 1      |
| 201.0                     | 4.0        | 1      |
| 208.0                     | 4.0        | 1      |
| 226.0                     | 1.0        | 1      |
| 233.0                     | 3.0        | 1      |
| 259.0                     | 4.0        | 1      |
| 52 1 True 408.0           | 4.0        | 1      |
| 53 0 False 260.0          | 3.0        | 1      |
| 280.0                     | 3.0        | 1      |
| 313.0                     | 3.0        | 1      |
| 319.0<br>324.0            | 2.0<br>4.0 | 1<br>1 |
| 336.0                     | 4.0        | 1      |
| 340.0                     | 3.0        | 1      |
| 120.0                     | 1.0        | 1      |
| 52 1 False 361.0          | 1.0        | 1      |
| 53 0 False 383.0          | 4.0        | 1      |
| 52 0 False 556.0          | 3.0        | 1      |
| 364.0                     | 4.0        | 1      |
| 370.0                     | 4.0        | 1      |
| 382.0                     | 4.0        | 1      |
| 386.0                     | 4.0        | 1      |
| 400.0                     | 3.0        | 1      |
| 408.0<br>422.0            | 2.0<br>4.0 | 1<br>1 |
| 1128.0                    | 3.0        | 1      |
| 1 False 259.0             | 3.0        | 1      |
| 0 False 1600.0            | 3.0        | 1      |
| True 184.0                | 3.0        | 1      |
| 230.0                     | 4.0        | 1      |
| 301.0                     | 3.0        | 1      |
| 310.0                     | 3.0        | 1      |
| 380.0                     | 3.0        | 1      |
| 1092.0                    | 4.0        | 1      |
| 53 0 False 344.0<br>409.0 | 4.0<br>4.0 | 1<br>1 |
| 52 0 False 357.0          | 4.0        | 1      |
| 54 0 True 175.0           | 4.0        | 1      |
| False 344.0               | 4.0        | 1      |
| 362.0                     | 2.0        | 1      |
| 367.0                     | 4.0        | 1      |
| 442.0                     | 3.0        | 1      |
| 636.0                     | 3.0        | 1      |
| 1024.0                    | 4.0        | 1      |
| True 120.0                | 4.0        | 1      |
| 339.0<br>False 339.0      | 2.0<br>1.0 | 1<br>1 |
| 1 False 339.0             | 4.0        | 1      |
| 197.0                     | 1.0        | 1      |
| 324.0                     | 2.0        | 1      |
| 347.0                     | 2.0        | 1      |
| 411.0                     | 4.0        | 1      |
| 55 0 False 143.0          | 4.0        | 1      |
| 160.0                     | 4.0        | 1      |

| 54       | 0      | False         | 344.0          | 2.0        | 1      |
|----------|--------|---------------|----------------|------------|--------|
|          |        |               | 338.0          | 2.0        | 1      |
| 53       | 0      | True          | 120.0          | 2.0        | 1      |
| 54       | 0      | False         | 120.0          | 2.0        | 1      |
| 53       | 0      | True          | 269.0          | 4.0        | 1      |
|          |        | _ 1           | 404.0          | 4.0        | 1      |
|          | 1      | False         | 196.0          | 4.0        | 1      |
|          |        |               | 324.0          | 4.0        | 1      |
|          |        |               | 363.0<br>373.0 | 2.0<br>4.0 | 1<br>1 |
|          |        |               | 403.0          | 4.0        | 1      |
| 54       | 0      | False         | 120.0          | 3.0        | 1      |
| 54       | O      | 1 4130        | 337.0          | 3.0        | 1      |
|          |        |               | 120.0          | 4.0        | 1      |
|          |        |               | 130.0          | 2.0        | 1      |
|          |        |               | 231.0          | 4.0        | 1      |
|          |        |               | 241.0          | 3.0        | 1      |
|          |        |               | 244.0          | 4.0        | 1      |
|          |        |               | 301.0          | 4.0        | 1      |
|          |        |               | 306.0          | 4.0        | 1      |
| 52       | 0      | False         | 360.0          | 1.0        | 1      |
|          |        |               | 355.0          | 3.0        | 1      |
| 49       | 0      | False         | 141.0          | 4.0        | 1      |
| 50       | 0      | False         | 127.0          | 2.0        | 1      |
| 49       | 0      | False         | 777.0          | 2.0        | 1      |
| 38       | 0      | False         | 371.0          | 4.0        | 1      |
| 49       | 0<br>1 | True<br>False | 382.0<br>120.0 | 3.0<br>2.0 | 1<br>1 |
|          | Т      | raise         | 339.0          | 4.0        | 1      |
|          |        |               | 418.0          | 3.0        | 1      |
| 50       | 0      | False         | 120.0          | 4.0        | 1      |
| 00       | Ü      | 1 4130        | 162.0          | 3.0        | 1      |
| 49       | 0      | False         | 482.0          | 2.0        | 1      |
| 50       | 0      | False         | 209.0          | 3.0        | 1      |
|          |        |               | 315.0          | 4.0        | 1      |
|          |        |               | 335.0          | 4.0        | 1      |
|          |        |               | 336.0          | 3.0        | 1      |
|          |        | True          | 120.0          | 2.0        | 1      |
|          |        |               | 374.0          | 4.0        | 1      |
|          |        |               | 451.0          | 4.0        | 1      |
| 49       | 0      | False         | 652.0          | 3.0        | 1      |
|          |        | F-1           | 416.0          | 4.0        | 1      |
| 50       | 1      | False         | 614.0          | 1.0        | 1      |
| 49       | 0      | False         | 308.0<br>155.0 | 2.0<br>4.0 | 1<br>1 |
|          |        |               | 162.0          | 4.0        | 1      |
|          |        |               | 164.0          | 2.0        | 1      |
|          |        |               | 182.0          | 4.0        | 1      |
|          |        |               | 197.0          | 4.0        | 1      |
|          |        |               | 244.0          | 3.0        | 1      |
|          |        |               | 283.0          | 4.0        | 1      |
|          |        |               | 342.0          | 4.0        | 1      |
|          |        |               | 388.0          | 2.0        | 1      |
|          |        |               | 347.0          | 4.0        | 1      |
|          |        |               | 348.0          | 4.0        | 1      |
|          |        |               | 354.0          | 2.0        | 1      |
|          |        |               | 360.0          | 3.0        | 1      |
|          |        |               | 363.0          | 3.0        | 1      |
|          |        |               | 364.0          | 4.0        | 1      |
| F.0      | 4      | Fala-         | 366.0          | 4.0        | 1      |
| 50<br>51 | 1      | False         | 319.0          | 4.0        | 1      |
| 51<br>52 | 0      | False         | 122.0          | 4.0        | 1      |
| 52       | 0      | False         | 342.0<br>181.0 | 2.0<br>2.0 | 1<br>1 |
| 51       | 1      | False         | 175.0          | 1.0        | 1      |
| J±       | _      | 1 UI3C        | 178.0          | 4.0        | 1      |
|          |        |               | -10.0          | 7.0        |        |

|          |          |   |                | 250.0          | 3.0 | 1 |
|----------|----------|---|----------------|----------------|-----|---|
|          |          |   |                | 355.0          | 3.0 | 1 |
|          |          |   |                | 426.0          | 3.0 | 1 |
|          | 52       | 0 | False          | 149.0          | 4.0 | 1 |
|          |          |   |                | 179.0          | 4.0 | 1 |
|          |          |   |                | 274.0          | 4.0 | 1 |
|          | 51       | 0 | True           | 192.0          | 4.0 | 1 |
|          | 52       | 0 | False          | 276.0          | 2.0 | 1 |
|          |          |   |                | 295.0          | 4.0 | 1 |
|          |          |   |                | 311.0          | 2.0 | 1 |
|          |          |   |                |                | 4.0 | 1 |
|          |          |   |                | 314.0          | 2.0 | 1 |
|          |          |   |                | 317.0          | 1.0 | 1 |
|          |          |   |                | 332.0          | 4.0 | 1 |
|          | 51       | 1 | False          | 166.0          | 4.0 | 1 |
|          |          | 0 | False          | 558.0          | 4.0 | 1 |
|          |          |   |                | 131.0          | 4.0 | 1 |
|          |          |   |                | 338.0          | 4.0 | 1 |
|          |          |   |                | 173.0          | 4.0 | 1 |
|          |          |   |                | 176.0          | 4.0 | 1 |
|          |          |   |                | 179.0          | 4.0 | 1 |
|          |          |   |                | 203.0          | 4.0 | 1 |
|          |          |   |                | 210.0          | 3.0 | 1 |
|          |          |   |                | 221.0          | 2.0 | 1 |
|          |          |   |                | 332.0          | 2.0 | 1 |
|          |          |   |                | 342.0          | 4.0 | 1 |
|          |          |   |                | 466.0          | 3.0 | 1 |
|          |          |   |                | 352.0          | 2.0 | 1 |
|          |          |   |                | 374.0          | 4.0 | 1 |
|          |          |   |                | 379.0          | 4.0 | 1 |
|          |          |   |                | 392.0          | 4.0 | 1 |
|          |          |   |                | 394.0          | 4.0 | 1 |
|          |          |   |                | 399.0          | 4.0 | 1 |
|          |          |   |                | 462.0          | 2.0 | 1 |
|          | 38       | 0 | False          | 374.0          | 4.0 | 1 |
|          | 35       | 0 | False          | 808.0          | 3.0 | 1 |
|          | 38       | 0 | False          | 260.0          | 4.0 | 1 |
| CL       | 42       | 0 | False          | 393.0          | 4.0 | 1 |
| OL.      | 43       | 0 | False          | 375.0          | 3.0 | 1 |
|          | 40       | 1 | False          | 361.0          | 2.0 | 1 |
|          | 44       | 0 | False          | 356.0          | 3.0 | 1 |
|          | 44       | U | raise          | 391.0          | 2.0 | 1 |
|          |          | 1 | True           | 354.0          | 4.0 | 1 |
|          | 45       | 0 |                | 120.0          | 2.0 | 1 |
|          | 45       | U | False          | 162.0          | 2.0 | 1 |
|          |          |   |                | 214.0          | 4.0 | 1 |
|          |          |   |                | 340.0          | 4.0 | 1 |
|          |          |   | True           | 177.0          | 3.0 | 1 |
|          |          |   | True           | 246.0          | 4.0 | 1 |
|          |          | 1 | False          | 334.0          | 2.0 | 1 |
|          | 46       | 0 |                | 348.0          | 4.0 | 1 |
|          | 40<br>47 | 0 | False<br>False |                | 4.0 | 1 |
|          | 47       | U | raise          | 121.0<br>294.0 | 3.0 | 1 |
|          |          |   |                |                |     |   |
|          |          |   |                | 311.0          | 2.0 | 1 |
|          | 40       | 0 | Fo.1.co        | 316.0          | 4.0 | 1 |
|          | 43       | 0 | False          | 317.0          | 4.0 | 1 |
| <b>D</b> | 42       | 0 | False          | 286.0          | 1.0 | 1 |
| D        | 38       | 0 | False          | 120.0          | 2.0 | 1 |
| CL       | 42       | 0 | False          | 276.0          | 4.0 | 1 |
|          | 34       | 0 | False          | 432.0          | 4.0 | 1 |
|          | 0.5      | 4 | Fo.1           | 464.0          | 3.0 | 1 |
|          | 35       | 1 | False          | 325.0          | 3.0 | 1 |
|          | 0.0      | 0 | Fo.1           | 646.0          | 3.0 | 1 |
|          | 36       | 0 | False          | 450.0          | 2.0 | 1 |
|          | 37       | 0 | False          | 312.0          | 2.0 | 1 |
|          | 38       | 0 | False          | 279.0          | 3.0 | 1 |

| 39  |   |     |   |         | 312.0 | 4.0 | 1 |
|---|---|-----|---|---------|-------|-----|---|
| 1 False 339.0 4.0 1 41 0 False 217.0 4.0 1 528.0 3.0 1 1 1 True 261.0 2.0 1 47 0 True 338.0 2.0 1 48 0 False 158.0 4.0 1 310.0 2.0 1 48 0 False 168.0 4.0 1 320.0 4.0 1 310.0 2.0 1 54 1 False 216.0 4.0 1 327.0 4.0 1 339.0 2.0 1 339.0 4.0 1 55 0 False 219.0 4.0 1 57 0 False 219.0 4.0 1 58 0 False 219.0 4.0 1 58 0 False 219.0 4.0 1 59 0 False 325.0 4.0 1 339.0 4.0 1 340.0 4.0 1 340.0 4.0 1 340.0 4.0 1 340.0 5.1 1 340.0 5.1 1 340.0 5.1 1 340.0 5.1 1 340.0 5.1 1 340.0 5.1 1 340.0 5.1 1 340.0 5.1 1 340.0 5.1 1 340.0 5.1 1 340.0 5.1 1 340.0 6.1 1 |   | 39  | 0 | False   |       |     |   |
| 1 False 331.0 4.0 1 41 0 False 217.0 4.0 1 528.0 3.0 1 1712.0 3.0 1 1 True 201.0 2.0 1 47 0 True 338.0 2.0 1 48 0 False 158.0 4.0 1 55 0 False 138.0 4.0 1 55 0 False 138.0 4.0 1 56 0 False 138.0 4.0 1 57 0 False 138.0 4.0 1 58 0 False 163.0 1.0 1 57 0 False 163.0 1.0 1 57 0 False 216.0 4.0 1 377.0 4.0 1 377.0 4.0 1  |   | 40  | 0 | False   | 201.0 | 2.0 |   |
| 1   |   |     |   |         |       |     |   |
| 1   |   |     |   |         |       |     |   |
| 1   True   201.0   2.0   1   1   1   1   1   201.0   2.0   1   1   1   201.0   2.0   1   1   48   0   False   158.0   4.0   1   310.0   2.0   1   310.0   2.0   1   310.0   2.0   1   310.0   2.0   1   310.0   2.0   1   310.0   2.0   1   310.0   2.0   1   310.0   2.0   1   320.0   4.0   1   320.0   4.0   1   320.0   3.0   1   320.0   4.0   1   320.0   3.0   1   320.0   3.0   1   320.0   3.0     |   | 41  | 0 | False   |       |     |   |
| 1   True   201.0   2.0   1   1   1   1   1   201.0   2.0   1   1   48   0   False   158.0   4.0   1   220.0   1   220.  |   |     |   |         |       |     |   |
| 1 True 201.0 2.0 1 47 0 True 338.0 2.0 1 48 0 False 158.0 4.0 1 220.0 4.0 1 310.0 2.0 1 54 1 False 216.0 4.0 1 55 0 False 138.0 4.0 1 55 0 False 138.0 4.0 1 56 0 False 138.0 4.0 1 56 0 False 163.0 1.0 1 57 0 False 163.0 1.0 1 297.0 4.0 1 392.0 2.0 1 57 0 False 163.0 1.0 1 57 0 False 219.0 4.0 1 58 0 False 275.0 4.0 1 57 0 False 275.0 4.0 1 58 0 False 330.0 4.0 1 58 0 False 330.0 4.0 1 59 0 False 393.0 4.0 1 50 False 393.0 4.0 1 51 0 True 184.0 3.0 1 52 1 False 365.0 2.0 1 53 0 False 360.0 4.0 1 397.0 4.0 1 339.0 4.0 1 51 0 False 393.0 4.0 1 52 1 False 365.0 2.0 1 53 0 False 129.0 3.0 1 55 0 False 360.0 4.0 1 337.0 4.0 1 339.0 4.0 1 340.0 4.0 1 339.0 4.0 1 340.0 4.0 1   |   |     |   |         |       |     |   |
| 47 0 True 338.0 2.0 1 48 0 False 158.0 4.0 1 310.0 2.0 1 54 1 False 216.0 4.0 1 55 0 False 138.0 4.0 1 55 0 False 138.0 4.0 1 55 0 False 138.0 4.0 1 148.0 3.0 1 262.0 4.0 1 148.0 3.0 1 262.0 4.0 1 188.0 3.0 1 262.0 4.0 1 188.0 3.0 1 262.0 4.0 1 188.0 3.0 1 262.0 4.0 1 1 False 408.0 4.0 1 294.0 2.0 1 297.0 4.0 1 376.0 4.0 1 377.0 4.0 1  |   |     | 1 | Truo    |       |     |   |
| AB  |   | 47  |   |         |       |     |   |
| 220.0   |   |     |   |         |       |     |   |
| S4  |   | 70  | O | raise   |       |     |   |
| 54       1       False       216.0       4.0       1         55       0       False       138.0       4.0       1         55       0       False       138.0       4.0       1         148.0       3.0       1       1       262.0       4.0       1         1       False       408.0       4.0       1       <  |   |     |   |         |       |     |   |
| S5  |   | 54  | 1 | False   |       |     |   |
| 148.0 3.0 1 262.0 4.0 1 True 349.0 3.0 1 1 False 408.0 4.0 1 56 0 False 163.0 1.0 1 294.0 2.0 1 297.0 4.0 1 376.0 4.0 1 392.0 2.0 1 True 305.0 4.0 1 57 0 False 219.0 4.0 1 58 0 False 176.0 2.0 1 58 0 False 219.0 4.0 1 58 0 False 393.0 4.0 1 58 0 False 393.0 4.0 1 51 0 True 184.0 3.0 1 48 0 False 325.0 4.0 1 340.0 4.0 1 340.0 4.0 1 340.0 4.0 1 340.0 4.0 1 340.0 4.0 1 340.0 4.0 1 340.0 4.0 1 550 0 False 386.0 4.0 1 551 0 False 366.0 2.0 1 552 1 False 365.0 2.0 1 553 0 True 347.0 4.0 1 554 0 False 366.0 3.0 1 557 0 False 366.0 3.0 1 560 0 False 366.0 4.0 1 570 0 False 366.0 2.0 1 580 0 False 366.0 3.0 1 580 0 False 366.0 4.0 1 590 0 False 366.0 2.0 1 590 0 False 366.0 3.0 1 279.0 4.0 1 377.0 4.0 1 387.0 4.0 1 284.0 1.0 1 284.0 1.0 1 284.0 1.0 1 284.0 1.0 1 284.0 1.0 1 284.0 1.0 1 307.0 4.0 1 308.0 4.0 1 309.0 4.0 1   |   |     |   |         |       |     |   |
| True 349.0 3.0 1  False 408.0 4.0 1  False 163.0 1.0 1  297.0 4.0 1  376.0 4.0 1  376.0 4.0 1  376.0 3.0 1  True 305.0 4.0 1  57 0 False 219.0 4.0 1  58 0 False 393.0 4.0 1  51 0 True 184.0 3.0 1  48 0 False 325.0 4.0 1  340.0 4.0 1  340.0 4.0 1  340.0 4.0 1  351.0 3.0 1  False 264.0 1.0 1  57 0 False 386.0 4.0 1  58 0 True 347.0 4.0 1  59 1 False 168.0 3.0 1  51 0 False 347.0 4.0 1  357.0 4.0 1  |   | 55  | 0 | False   | 138.0 | 4.0 | 1 |
| True 349.0 3.0 1 False 408.0 4.0 1.0 False 163.0 1.0 1 294.0 2.0 1 297.0 4.0 1 376.0 4.0 1 392.0 2.0 1 True 305.0 4.0 1 346.0 3.0 1  False 275.0 4.0 1 57 0 False 219.0 4.0 1 58 0 False 393.0 4.0 1 51 0 False 393.0 4.0 1 51 0 True 184.0 3.0 1 48 0 False 325.0 4.0 1 397.0 4.0 1 397.0 4.0 1 50 0 False 386.0 4.0 1 51 0 False 365.0 2.0 1 51 0 False 120.0 3.0 1 71 False 365.0 2.0 1 51 0 False 386.0 4.0 1 397.0 4.0 1   |   |     |   |         | 148.0 | 3.0 | 1 |
| 1 False 408.0   |   |     |   |         |       |     |   |
| 56       0       False       163.0       1.0       1         294.0       2.0       1         297.0       4.0       1         376.0       4.0       1         392.0       2.0       1         True       305.0       4.0       1         346.0       3.0       1         57       0       False       219.0       4.0       1         58       0       False       219.0       4.0       1         58       0       False       219.0       4.0       1         58       0       False       393.0       4.0       1         54       0       False       393.0       4.0       1         311.0       1.0       1       1       1         48       0       False       325.0       4.0       1         340.0       4.0       1       340.0       4.0       1         49       0       False       264.0       1.0       1         51       0       False       365.0       2.0       1         52       1       False       365.0       2.0       1     <  |   |     |   |         |       |     |   |
| 294.0   |   |     |   |         |       |     |   |
| 297.0   |   | 56  | 0 | False   |       |     |   |
| 376.0   |   |     |   |         |       |     |   |
| True 305.0  |   |     |   |         |       |     |   |
| True 305.0 4.0 1  |   |     |   |         |       |     |   |
| 1 False 275.0 4.0 1 57 0 False 219.0 4.0 1 58 0 False 176.0 2.0 1 54 0 False 393.0 4.0 1 51 0 True 184.0 3.0 1 48 0 False 325.0 4.0 1 339.0 4.0 1 340.0 4.0 1 397.0 4.0 1 50 0 False 386.0 4.0 1 51 0 False 386.0 4.0 1 51 0 False 365.0 2.0 1 53 0 True 347.0 4.0 1 53 0 True 347.0 4.0 1 False 168.0 3.0 1 53 0 True 347.0 4.0 1 55 0 False 386.0 3.0 1 57 0 4.0 1 58 0 True 347.0 4.0 1 59 0 False 386.0 3.0 1 50 0 False 386.0 3.0 1 51 0 False 386.0 3.0 1 52 1 False 365.0 2.0 1 53 0 True 347.0 4.0 1 55 0 True 347.0 4.0 1 56 0 True 314.0 4.0 1 57 0 True 314.0 4.0 1 387 0 4.0 1 388 0 1.0 1 388 0 1.0 1 399.0 3.0 1 299.0 3.0 1 218.0 4.0 1 308.0 4.0 1 308.0 4.0 1 308.0 4.0 1 307.0 4.0 1 308.0 4.0 1 311.0 4.0 1 311.0 4.0 1 311.0 4.0 1  |   |     |   | True    |       |     |   |
| 1 False 275.0 4.0 1 57 0 False 219.0 4.0 1 58 0 False 176.0 2.0 1 54 0 False 393.0 4.0 1 51 0 True 184.0 3.0 1 48 0 False 325.0 4.0 1 48 0 False 325.0 4.0 1 49 0 False 264.0 1.0 1 51 0 False 386.0 4.0 1 51 0 False 365.0 2.0 1 53 0 True 347.0 4.0 1 False 168.0 3.0 1 False 168.0 3.0 1 True 347.0 4.0 1 347.0 4.0 1 357.0 4.0 1  |   |     |   | True    |       |     |   |
| 57         0         False         219.0         4.0         1           58         0         False         176.0         2.0         1           54         0         False         393.0         4.0         1           312.0         3.0         1         1.0         1           51         0         True         184.0         3.0         1           48         0         False         325.0         4.0         1           339.0         4.0         1         340.0         4.0         1           340.0         4.0         1         397.0         4.0         1           49         0         False         264.0         1.0         1           50         0         False         266.0         4.0         1           51         0         False         120.0         3.0         1           52         1         False         120.0         3.0         1           53         0         True         347.0         4.0         1           347.0         4.0         1         350.0         1           40         7         4.0  |   |     | 1 | False   |       |     |   |
| 58       0       False       376.0       2.0       1         54       0       False       393.0       4.0       1         312.0       3.0       1       1       1       1         51       0       True       184.0       3.0       1       1         48       0       False       325.0       4.0       1       1       339.0       4.0       1       1       340.0       4.0       1       1       340.0       4.0       1       1       4.0       1       1       4.0       1       1       4.0       1       1       4.0       1  |   | 57  |   |         |       |     |   |
| 54       0       False       393.0       4.0       1         312.0       3.0       1         131.0       1.0       1         51       0       True       184.0       3.0       1         48       0       False       325.0       4.0       1         340.0       4.0       1       340.0       4.0       1         397.0       4.0       1       40       1       1         49       0       False       264.0       1.0       1   |   |     |   |         |       |     |   |
| 312.0 3.0 1 131.0 1.0 1 51 0 True 184.0 3.0 1 48 0 False 325.0 4.0 1 340.0 4.0 1 340.0 4.0 1 397.0 4.0 1 50 0 False 264.0 1.0 1 51 0 False 120.0 3.0 1 52 1 False 365.0 2.0 1 53 0 True 347.0 4.0 1 False 168.0 3.0 1 False 168.0 3.0 1 False 168.0 3.0 1 True 347.0 4.0 1 357.0 4.0 1  |   |     |   |         |       |     |   |
| 51 0 True 184.0 3.0 1 48 0 False 325.0 4.0 1 339.0 4.0 1 340.0 4.0 1 397.0 4.0 1 49 0 False 264.0 1.0 1 50 0 False 386.0 4.0 1 51 0 False 120.0 3.0 1 52 1 False 365.0 2.0 1 53 0 True 347.0 4.0 1 False 168.0 3.0 1 False 168.0 3.0 1 False 365.0 2.0 1 True 347.0 4.0 1 357.0 4.0 1 368.0 1.0 1 279.0 3.0 1 279.0 4.0 1 379.0 4.0 1 379.0 4.0 1 379.0 4.0 1 379.0 4.0 1 379.0 4.0 1 379.0 4.0 1 379.0 4.0 1 379.0 4.0 1 379.0 4.0 1 379.0 4.0 1 379.0 4.0 1 379.0 4.0 1 379.0 4.0 1 379.0 4.0 1 379.0 4.0 1 379.0 4.0 1 379.0 4.0 1   |   |     |   |         | 312.0 | 3.0 |   |
| 48 0 False 325.0 4.0 1 339.0 4.0 1 340.0 4.0 1 397.0 4.0 1 49 0 False 264.0 1.0 1 50 0 False 386.0 4.0 1 51 0 False 120.0 3.0 1 52 1 False 365.0 2.0 1 53 0 True 347.0 4.0 1 False 168.0 3.0 1 False 168.0 3.0 1 770 4.0 1 357.0 4.0 1  |   |     |   |         | 131.0 | 1.0 | 1 |
| 339.0   |   | 51  | 0 |         | 184.0 | 3.0 |   |
| 340.0 4.0 1 397.0 4.0 1 49 0 False 264.0 1.0 1 50 0 False 386.0 4.0 1 51 0 False 120.0 3.0 1 52 1 False 365.0 2.0 1 53 0 True 347.0 4.0 1 False 168.0 3.0 1 False 168.0 3.0 1 347.0 4.0 1 357.0 4.0 1   |   | 48  | 0 | False   |       |     |   |
| 397.0 4.0 1 49 0 False 264.0 1.0 1 50 0 False 386.0 4.0 1 51 0 False 120.0 3.0 1 52 1 False 365.0 2.0 1 53 0 True 347.0 4.0 1 False 168.0 3.0 1 False 168.0 3.0 1 7rue 347.0 4.0 1 347.0 4.0 1 357.0 4.0 1 357.0 4.0 1 357.0 4.0 1 333 1 False 286.0 2.0 1 33 1 False 286.0 2.0 1 32 0 False 387.0 4.0 1 32 0 True 400.0 3.0 1 C 78 0 True 400.0 3.0 1 292.0 4.0 1 304.0 4.0 1 304.0 4.0 1 307.0 4.0 1 308.0 4.0 1 311.0 4.0 1 317.0 4.0 1 317.0 4.0 1  |   |     |   |         |       |     |   |
| 49 0 False 264.0 1.0 1 50 0 False 386.0 4.0 1 51 0 False 120.0 3.0 1 52 1 False 365.0 2.0 1 53 0 True 347.0 4.0 1 False 168.0 3.0 1 False 168.0 3.0 1 279.0 4.0 1 347.0 4.0 1 3557.0 4.0 1 357.0 4.0 1 348 0 False 420.0 4.0 1 33 1 False 286.0 2.0 1 32 0 False 387.0 4.0 1 32 0 False 387.0 4.0 1 C 78 0 True 400.0 3.0 1 218.0 4.0 1 284.0 1.0 1 292.0 4.0 1 304.0 4.0 1 307.0 4.0 1 308.0 4.0 1 308.0 4.0 1 311.0 4.0 1 317.0 4.0 1 317.0 4.0 1   |   |     |   |         |       |     |   |
| 50 0 False 386.0 4.0 1 51 0 False 120.0 3.0 1 52 1 False 365.0 2.0 1 53 0 True 347.0 4.0 1 False 168.0 3.0 1 279.0 4.0 1 347.0 4.0 1 355.0 4.0 1 357.0 4.0 1 357.0 4.0 1 344 0 False 420.0 4.0 1 33 1 False 286.0 2.0 1 32 0 False 387.0 4.0 1 32 0 True 400.0 3.0 1 C 78 0 True 400.0 3.0 1 218.0 4.0 1 292.0 4.0 1 304.0 1 307.0 4.0 1 308.0 4.0 1 311.0 4.0 1 317.0 4.0 1 317.0 4.0 1 317.0 4.0 1  |   | 4.0 | • | E.1     |       |     |   |
| 51 0 False 120.0 3.0 1 52 1 False 365.0 2.0 1 53 0 True 347.0 4.0 1 False 168.0 3.0 1 279.0 4.0 1 347.0 4.0 1 350.0 4.0 1 357.0 4.0 1 357.0 4.0 1 34 0 False 420.0 4.0 1 33 1 False 286.0 2.0 1 32 0 False 387.0 4.0 1 32 0 True 400.0 3.0 1 C 78 0 True 400.0 3.0 1 218.0 4.0 1 292.0 4.0 1 304.0 1 304.0 4.0 1 307.0 4.0 1 308.0 4.0 1 311.0 4.0 1 317.0 4.0 1 317.0 4.0 1  |   |     |   |         |       |     |   |
| 52 1 False 365.0 2.0 1 53 0 True 347.0 4.0 1 False 168.0 3.0 1 279.0 4.0 1 347.0 4.0 1 350.0 4.0 1 357.0 4.0 1 357.0 4.0 1 34 0 False 420.0 4.0 1 33 1 False 286.0 2.0 1 32 0 False 387.0 4.0 1 32 0 True 400.0 3.0 1 C 78 0 True 400.0 3.0 1 218.0 4.0 1 292.0 4.0 1 304.0 1 304.0 4.0 1 307.0 4.0 1 308.0 4.0 1 311.0 4.0 1 317.0 4.0 1 317.0 4.0 1   |   |     |   |         |       |     |   |
| False 168.0 3.0 1 False 168.0 3.0 1 279.0 4.0 1 347.0 4.0 1 350.0 4.0 1 357.0 4.0 1 436.0 1.0 1 True 314.0 4.0 1 33 1 False 286.0 2.0 1 32 0 False 387.0 4.0 1 32 0 True 400.0 3.0 1 C 78 0 True 400.0 3.0 1 218.0 4.0 1 284.0 1.0 1 292.0 4.0 1 304.0 4.0 1 307.0 4.0 1 307.0 4.0 1 311.0 4.0 1 317.0 4.0 1 317.0 4.0 1  |   |     |   |         |       |     |   |
| False 168.0 3.0 1 279.0 4.0 1 347.0 4.0 1 350.0 4.0 1 357.0 4.0 1 357.0 4.0 1 436.0 1.0 1 34 0 False 420.0 4.0 1 33 1 False 286.0 2.0 1 32 0 False 387.0 4.0 1 C 78 0 True 400.0 3.0 1 209.0 3.0 1 218.0 4.0 1 284.0 1.0 1 292.0 4.0 1 304.0 1 307.0 4.0 1 308.0 4.0 1 308.0 4.0 1 311.0 4.0 1 317.0 4.0 1 317.0 4.0 1  |   |     |   |         |       |     |   |
| C 78 0 True 400.0 3.0 1 279.0 4.0 1 347.0 4.0 1 350.0 4.0 1 357.0 4.0 1 436.0 1.0 1 436.0 1.0 1 33 1 False 420.0 4.0 1 32 0 False 387.0 4.0 1 209.0 3.0 1 218.0 4.0 1 284.0 1.0 1 292.0 4.0 1 304.0 4.0 1 307.0 4.0 1 308.0 4.0 1 311.0 4.0 1 317.0 4.0 1 317.0 4.0 1   |   | 00  | Ü |         |       |     |   |
| C 78 0 True 400.0 3.0 1 209.0 3.0 1 209.0 3.0 1 218.0 4.0 1 2292.0 4.0 1 307.0 4.0 1 307.0 4.0 1 308.0 4.0 1 311.0 4.0 1 317.0 4.0 1 357.0 4.0 1 357.0 4.0 1 357.0 4.0 1 357.0 4.0 1 357.0 4.0 1 357.0 4.0 1 357.0 4.0 1  |   |     |   | . 0.200 |       |     |   |
| 357.0 4.0 1 436.0 1.0 1 True 314.0 4.0 1 34 0 False 420.0 4.0 1 33 1 False 286.0 2.0 1 32 0 False 387.0 4.0 1 C 78 0 True 400.0 3.0 1 209.0 3.0 1 218.0 4.0 1 284.0 1.0 1 292.0 4.0 1 304.0 4.0 1 307.0 4.0 1 308.0 4.0 1 311.0 4.0 1 317.0 4.0 1 317.0 4.0 1   |   |     |   |         |       |     |   |
| True 314.0  |   |     |   |         | 350.0 | 4.0 | 1 |
| True 314.0 4.0 1 34 0 False 420.0 4.0 1 33 1 False 286.0 2.0 1 32 0 False 387.0 4.0 1 C 78 0 True 400.0 3.0 1 209.0 3.0 1 218.0 4.0 1 284.0 1.0 1 292.0 4.0 1 304.0 4.0 1 307.0 4.0 1 308.0 4.0 1 311.0 4.0 1 317.0 4.0 1   |   |     |   |         | 357.0 | 4.0 | 1 |
| 34 0 False 420.0 4.0 1 33 1 False 286.0 2.0 1 32 0 False 387.0 4.0 1 C 78 0 True 400.0 3.0 1 209.0 3.0 1 218.0 4.0 1 284.0 1.0 1 292.0 4.0 1 304.0 4.0 1 307.0 4.0 1 308.0 4.0 1 311.0 4.0 1 317.0 4.0 1 317.0 4.0 1  |   |     |   |         | 436.0 | 1.0 | 1 |
| 33 1 False 286.0 2.0 1 32 0 False 387.0 4.0 1 C 78 0 True 400.0 3.0 1 209.0 3.0 1 218.0 4.0 1 284.0 1.0 1 292.0 4.0 1 304.0 4.0 1 307.0 4.0 1 308.0 4.0 1 311.0 4.0 1 317.0 4.0 1 322.0 4.0 1   |   |     |   |         |       |     |   |
| C 78 0 False 387.0 4.0 1 C 78 0 True 400.0 3.0 1 209.0 3.0 1 218.0 4.0 1 284.0 1.0 1 292.0 4.0 1 304.0 4.0 1 307.0 4.0 1 308.0 4.0 1 311.0 4.0 1 317.0 4.0 1 317.0 4.0 1  |   |     |   |         |       |     |   |
| C 78 0 True 400.0 3.0 1 209.0 3.0 1 218.0 4.0 1 284.0 1.0 1 292.0 4.0 1 304.0 4.0 1 307.0 4.0 1 308.0 4.0 1 311.0 4.0 1 317.0 4.0 1 322.0 4.0 1   |   |     |   |         |       |     |   |
| 209.0       3.0       1         218.0       4.0       1         284.0       1.0       1         292.0       4.0       1         304.0       4.0       1         307.0       4.0       1         308.0       4.0       1         311.0       4.0       1         317.0       4.0       1         322.0       4.0       1   |   |     |   |         |       |     |   |
| 218.0       4.0       1         284.0       1.0       1         292.0       4.0       1         304.0       4.0       1         307.0       4.0       1         308.0       4.0       1         311.0       4.0       1         317.0       4.0       1         322.0       4.0       1   | С | 78  | 0 | True    |       |     |   |
| 284.0   |   |     |   |         |       |     |   |
| 292.0 4.0 1 304.0 4.0 1 307.0 4.0 1 308.0 4.0 1 311.0 4.0 1 317.0 4.0 1 322.0 4.0 1   |   |     |   |         |       |     |   |
| 304.0       4.0       1         307.0       4.0       1         308.0       4.0       1         311.0       4.0       1         317.0       4.0       1         322.0       4.0       1   |   |     |   |         |       |     |   |
| 307.0       4.0       1         308.0       4.0       1         311.0       4.0       1         317.0       4.0       1         322.0       4.0       1   |   |     |   |         |       |     |   |
| 308.0       4.0       1         311.0       4.0       1         317.0       4.0       1         322.0       4.0       1   |   |     |   |         |       |     |   |
| 311.0       4.0       1         317.0       4.0       1         322.0       4.0       1   |   |     |   |         |       |     |   |
| 317.0 4.0 1<br>322.0 4.0 1  |   |     |   |         |       |     |   |
|   |   |     |   |         |       |     |   |
| 326.0 4.0 1   |   |     |   |         |       |     | 1 |
|   |   |     |   |         | 326.0 | 4.0 | 1 |

|         |          |   |               | 328.0          | 4.0        | 1      |
|---------|----------|---|---------------|----------------|------------|--------|
|         |          |   |               | 338.0          | 4.0        | 1      |
|         |          |   |               | 349.0          | 2.0        | 1      |
|         |          |   |               | 350.0          | 4.0        | 1      |
|         |          |   |               | 351.0          | 4.0        | 1      |
|         |          |   |               | 352.0          | 3.0        | 1      |
|         |          |   |               | 208.0          | 2.0        | 1      |
|         |          |   |               | 176.0          | 4.0        | 1<br>1 |
|         |          |   | False         | 120.0<br>438.0 | 4.0<br>4.0 | 1      |
|         |          |   | raise         | 411.0          | 4.0        | 1      |
|         |          |   |               | 416.0          | 4.0        | 1      |
|         |          |   |               | 419.0          | 4.0        | 1      |
|         |          |   |               | 420.0          | 3.0        | 1      |
|         |          |   |               | 423.0          | 4.0        | 1      |
|         |          |   |               | 424.0          | 4.0        | 1      |
|         |          |   |               | 431.0          | 1.0        | 1      |
|         |          |   | Truo          | 443.0          | 3.0        | 1      |
|         |          |   | True<br>False | 120.0<br>496.0 | 2.0<br>4.0 | 1<br>1 |
|         |          |   | raise         | 524.0          | 4.0        | 1      |
|         |          |   |               | 530.0          | 4.0        | 1      |
|         |          |   |               | 553.0          | 4.0        | 1      |
|         |          |   |               | 663.0          | 2.0        | 1      |
|         |          |   |               | 742.0          | 3.0        | 1      |
|         |          |   | True          | 120.0          | 1.0        | 1      |
|         |          |   | _ ,           | 378.0          | 3.0        | 1      |
| 0.1     | 0.0      | 1 | False         | 120.0          | 1.0        | 1      |
| CL<br>C | 30<br>70 | 0 | False         | 139.0          | 1.0        | 1      |
| C       | 78       | 1 | False         | 120.0<br>331.0 | 2.0<br>3.0 | 1<br>1 |
|         |          |   |               | 333.0          | 3.0        | 1      |
|         |          |   |               | 344.0          | 4.0        | 1      |
|         |          |   |               | 345.0          | 2.0        | 1      |
|         |          |   |               | 351.0          | 4.0        | 1      |
|         |          |   |               | 353.0          | 2.0        | 1      |
|         |          |   |               | 371.0          | 4.0        | 1      |
|         |          |   |               | 387.0          | 2.0        | 1      |
|         |          |   |               | 388.0          | 2.0        | 1      |
|         |          |   |               | 397.0<br>398.0 | 4.0<br>3.0 | 1<br>1 |
|         |          |   |               | 454.0          | 4.0        | 1      |
|         |          |   |               | 636.0          | 4.0        | 1      |
|         |          |   |               | 1536.0         | 1.0        | 1      |
|         |          |   | True          | 140.0          | 4.0        | 1      |
|         |          |   |               | 243.0          | 4.0        | 1      |
| CL      | 27       | 0 | False         | 359.0          | 1.0        | 1      |
| С       | 78       | 1 | False         | 328.0          | 4.0        | 1      |
|         |          |   |               | 317.0<br>315.0 | 4.0<br>4.0 | 1<br>1 |
|         |          |   |               | 174.0          | 4.0        | 1      |
|         |          |   |               | 120.0          | 4.0        | 1      |
|         |          |   |               | 127.0          | 1.0        | 1      |
|         |          |   |               | 141.0          | 4.0        | 1      |
|         |          |   |               | 145.0          | 4.0        | 1      |
|         |          |   |               | 146.0          | 4.0        | 1      |
|         |          |   |               | 147.0          | 3.0        | 1      |
|         |          |   |               | 172.0          | 4.0        | 1      |
|         |          |   |               | 187.0<br>308.0 | 4.0<br>1.0 | 1<br>1 |
|         |          |   |               | 189.0          | 4.0        | 1      |
|         |          |   |               | 205.0          | 4.0        | 1      |
|         |          |   |               | 254.0          | 4.0        | 1      |
|         |          |   |               | 278.0          | 4.0        | 1      |
|         |          |   |               | 287.0          | 2.0        | 1      |
|         |          |   |               | 296.0          | 2.0        | 1      |

|    |    |        |               | 301.0          | 4.0        | 1      |
|----|----|--------|---------------|----------------|------------|--------|
| CL | 58 | 0      | False         | 265.0          | 2.0        | 1      |
|    |    |        |               | 338.0          | 2.0        | 1      |
|    |    |        |               | 499.0          | 4.0        | 1      |
| D  | 29 | 0      | False         | 291.0          | 2.0        | 1      |
| CL | 78 | 0      | False         | 337.0          | 2.0        | 1      |
|    |    |        |               | 338.0          | 2.0        | 1      |
|    |    |        |               | 351.0          | 2.0        | 1      |
|    |    |        |               | 355.0          | 3.0        | 1      |
|    |    |        |               | 356.0          | 1.0        | 1      |
|    |    |        |               | 362.0<br>363.0 | 4.0<br>3.0 | 1<br>1 |
|    |    |        |               | 419.0          | 4.0        | 1      |
|    |    |        | True          | 222.0          | 4.0        | 1      |
|    |    |        | 11 40         | 352.0          | 2.0        | 1      |
|    |    | 1      | False         | 120.0          | 4.0        | 1      |
|    |    |        |               | 156.0          | 4.0        | 1      |
|    |    |        |               | 230.0          | 2.0        | 1      |
|    |    |        |               | 298.0          | 3.0        | 1      |
|    |    |        |               | 318.0          | 1.0        | 1      |
| D  | 26 | 0      | False         | 120.0          | 4.0        | 1      |
|    |    |        | _ ,           | 348.0          | 4.0        | 1      |
| CL | 78 | 0      | False         | 335.0          | 4.0        | 1      |
|    |    |        |               | 332.0          | 2.0        | 1      |
|    |    |        |               | 313.0<br>202.0 | 2.0<br>3.0 | 1<br>1 |
|    | 77 | 1      | False         | 358.0          | 4.0        | 1      |
|    | 11 | _      | raise         | 360.0          | 4.0        | 1      |
|    |    |        | True          | 231.0          | 4.0        | 1      |
|    | 78 | 0      | False         | 148.0          | 4.0        | 1      |
|    |    |        |               | 166.0          | 4.0        | 1      |
|    |    |        |               | 171.0          | 2.0        | 1      |
|    |    |        |               | 175.0          | 3.0        | 1      |
|    |    |        |               | 218.0          | 4.0        | 1      |
|    |    |        |               | 308.0          | 2.0        | 1      |
|    |    |        |               | 225.0          | 4.0        | 1      |
|    |    |        |               | 230.0          | 4.0        | 1      |
|    |    |        |               | 264.0          | 3.0        | 1      |
|    |    |        |               | 275.0          | 3.0        | 1      |
|    |    |        |               | 296.0<br>298.0 | 4.0<br>4.0 | 1<br>1 |
|    |    |        |               | 304.0          | 2.0        | 1      |
| D  | 28 | 0      | True          | 402.0          | 3.0        | 1      |
|    | 29 | 0      | True          | 352.0          | 4.0        | 1      |
| CL | 77 | 0      | False         | 297.0          | 4.0        | 1      |
| D  | 29 | 1      | False         | 282.0          | 4.0        | 1      |
|    | 36 | 0      | False         | 381.0          | 4.0        | 1      |
|    |    |        |               | 383.0          | 4.0        | 1      |
|    |    |        |               | 446.0          | 2.0        | 1      |
|    |    |        |               | 608.0          | 4.0        | 1      |
|    |    |        |               | 619.0          | 3.0        | 1      |
|    |    |        | True          | 351.0          | 2.0        | 1      |
|    | 37 | 1<br>0 | True<br>False | 210.0<br>173.0 | 4.0<br>2.0 | 1<br>1 |
|    | 31 | U      | raise         | 196.0          | 4.0        | 1      |
|    |    |        |               | 207.0          | 4.0        | 1      |
|    |    |        |               | 290.0          | 4.0        | 1      |
|    |    |        |               | 299.0          | 3.0        | 1      |
|    |    |        |               | 319.0          | 1.0        | 1      |
|    |    |        |               | 345.0          | 3.0        | 1      |
|    |    |        |               | 410.0          | 2.0        | 1      |
|    |    |        |               | 674.0          | 3.0        | 1      |
|    |    |        | True          | 410.0          | 1.0        | 1      |
|    | 36 | 0      | False         | 310.0          | 2.0        | 1      |
|    |    | 0      | Folos         | 120.0          | 4.0        | 1      |
|    | 55 | 0      | False         | 223.0          | 4.0        | 1      |

|    | 33       | 1      | False          | 660.0          | 2.0        | 1      |
|----|----------|--------|----------------|----------------|------------|--------|
|    | 30       | 0      | False          | 456.0          | 4.0        | 1      |
|    |          |        |                | 1015.0         | 3.0        | 1      |
|    |          | 1      | False          | 369.0          | 4.0        | 1      |
|    | 32       | 0      | False          | 334.0          | 4.0        | 1      |
|    | 33       | 0      | False          | 151.0<br>264.0 | 4.0<br>1.0 | 1<br>1 |
|    |          |        |                | 498.0          | 2.0        | 1      |
|    | 34       | 0      | False          | 348.0          | 3.0        | 1      |
|    | 35       | 0      | False          | 408.0          | 3.0        | 1      |
|    | 34       | 0      | False          | 349.0          | 2.0        | 1      |
|    |          |        | _ ,            | 353.0          | 4.0        | 1      |
|    | 35       | 0      | False          | 158.0          | 2.0        | 1      |
|    |          |        |                | 219.0<br>227.0 | 3.0<br>4.0 | 1<br>1 |
|    |          |        |                | 346.0          | 2.0        | 1      |
|    |          |        |                | 402.0          | 4.0        | 1      |
| CL | 77       | 0      | False          | 309.0          | 3.0        | 1      |
|    | 76       | 0      | False          | 382.0          | 4.0        | 1      |
|    | 59       | 0      | False          | 171.0          | 3.0        | 1      |
|    | 67<br>63 | 0<br>0 | False<br>False | 141.0<br>330.0 | 4.0<br>4.0 | 1<br>1 |
|    | 03       | U      | raise          | 338.0          | 4.0        | 1      |
|    |          |        |                | 345.0          | 4.0        | 1      |
|    |          |        |                | 367.0          | 4.0        | 1      |
|    |          |        |                | 390.0          | 4.0        | 1      |
|    |          |        | True           | 681.0          | 4.0        | 1      |
|    | 64       | 0      | False          | 323.0          | 4.0        | 1      |
|    |          |        | Truo           | 390.0          | 3.0<br>4.0 | 1      |
|    |          | 1      | True<br>False  | 358.0<br>383.0 | 4.0        | 1<br>1 |
|    | 65       | 0      | False          | 120.0          | 1.0        | 1      |
|    |          |        |                | 143.0          | 2.0        | 1      |
|    |          |        |                | 1361.0         | 3.0        | 1      |
|    |          |        | True           | 294.0          | 4.0        | 1      |
|    | 66       | 0      | False          | 201.0          | 3.0        | 1      |
|    |          |        |                | 258.0          | 2.0        | 1      |
|    | 63       | 0      | False          | 307.0<br>273.0 | 3.0<br>1.0 | 1<br>1 |
|    | 00       | O      | raise          | 192.0          | 4.0        | 1      |
|    | 62       | 1      | True           | 228.0          | 3.0        | 1      |
|    | 60       | 0      | False          | 271.0          | 3.0        | 1      |
|    | 59       | 0      | False          | 302.0          | 3.0        | 1      |
|    |          |        |                | 313.0          | 3.0        | 1      |
|    |          |        |                | 330.0<br>336.0 | 4.0<br>3.0 | 1<br>1 |
|    |          |        |                | 394.0          | 4.0        | 1      |
|    |          |        | True           | 316.0          | 2.0        | 1      |
|    | 60       | 0      | False          | 196.0          | 4.0        | 1      |
|    |          |        |                | 306.0          | 3.0        | 1      |
|    | 62       | 0      | False          | 329.0          | 3.0        | 1      |
|    | 60       | 0      | False          | 352.0          | 4.0        | 1      |
|    | 61       | 0      | True           | 359.0<br>327.0 | 3.0<br>4.0 | 1<br>1 |
|    | 62       | 0      | False          | 120.0          | 4.0        | 1      |
|    | 02       | Ü      | . 4100         | 169.0          | 2.0        | 1      |
|    |          |        |                | 260.0          | 4.0        | 1      |
|    |          |        |                | 318.0          | 3.0        | 1      |
|    | 66       | 0      | False          | 348.0          | 2.0        | 1      |
|    | 67<br>76 | 0      | False          | 329.0          | 3.0        | 1      |
|    | 76<br>67 | 0<br>0 | False<br>False | 331.0<br>332.0 | 3.0<br>4.0 | 1<br>1 |
|    | 70       | 1      | False          | 371.0          | 4.0        | 1      |
|    | 71       | 0      | False          | 297.0          | 3.0        | 1      |
|    | _        | -      |                | 393.0          | 4.0        | 1      |
|    | 72       | 0      | False          | 336.0          | 4.0        | 1      |

| 355.0 4.0 1 True 123.0 4.0 1 73 0 False 120.0 4.0 1 189.0 4.0 1 270.0 4.0 1 398.0 4.0 1 | 73   | 0 | True  |                |     |   |
|---|------|---|-------|----------------|-----|---|
| 189.04.01270.04.01398.04.01   | 73   | 0 |       |                | 7.0 |   |
| 270.0 4.0 1<br>398.0 4.0 1  |      | U | False |                |     |   |
| 398.0 4.0 1   |      |   |       |                |     |   |
|   |      |   |       |                |     |   |
|   | 74   | 0 | False | 398.0<br>324.0 | 4.0 | 1 |
| 370.0 1.0 1   | 74   | U | raise |                |     |   |
| 893.0 4.0 1   |      |   |       |                |     |   |
| True 241.0 2.0 1  |      |   | True  |                |     |   |
| 375.0 4.0 1   |      |   |       | 375.0          | 4.0 | 1 |
| 75 0 False 312.0 2.0 1  | 75   |   |       |                |     |   |
| 1 False 312.0 3.0 1   |      |   |       |                |     |   |
| 70 0 True 480.0 1.0 1<br>False 360.0 2.0 1  | 70   | Θ |       |                |     |   |
| False 360.0 2.0 1<br>339.0 4.0 1  |      |   | raise |                |     |   |
| 69 0 False 362.0 2.0 1  | 69   | Θ | False |                |     |   |
| 67 1 False 323.0 4.0 1  |      |   |       |                |     |   |
| 68 0 False 358.0 4.0 1  | 68   | Θ | False | 358.0          | 4.0 | 1 |
| 505.0 2.0 1   |      |   |       |                |     |   |
| True 226.0 4.0 1  | 0.0  |   |       |                |     |   |
| 69 0 False 120.0 2.0 1<br>175.0 4.0 1   | 69   | Θ | False |                |     |   |
| 295.0 4.0 1   |      |   |       |                |     |   |
| 1000.0 4.0 1  |      |   |       |                |     |   |
| 70 0 False 295.0 3.0 1  | 70   | Θ | False |                |     |   |
| 69 1 False 338.0 4.0 1  | 69   | 1 | False | 338.0          | 4.0 | 1 |
| 426.0 4.0 1   |      |   | _     |                |     |   |
| 70 0 False 120.0 3.0 1  | 70   | 0 | False | 120.0          |     |   |
| 4.0 1<br>171.0 3.0 1  |      |   |       | 171 0          |     |   |
| 188.0 4.0 1   |      |   |       |                |     |   |
| 214.0 4.0 1   |      |   |       |                |     |   |
| D 55 0 False 198.0 4.0 1  | D 55 | Θ | False |                |     |   |
| 392.0 4.0 1   |      |   |       | 392.0          | 4.0 |   |
| 263.0 4.0 1   |      |   | _     |                |     |   |
| 74 0 False 169.0 3.0 1  |      |   |       |                |     |   |
| 73 1 False 120.0 2.0 1<br>151.0 2.0 1   | /3   | 1 | Faise |                |     |   |
| 316.0 2.0 1   |      |   |       |                |     |   |
| 330.0 2.0 1   |      |   |       |                |     |   |
| 350.0 2.0 1   |      |   |       |                |     |   |
| True 339.0 4.0 1  |      |   |       |                |     |   |
| 74 0 False 120.0 4.0 1  | 74   | Θ | False |                |     |   |
| 153.0 4.0 1   |      |   |       |                |     |   |
| 179.0 4.0 1<br>76 0 False 232.0 2.0 1   | 76   | 0 | Ealco |                |     |   |
| 74 0 False 211.0 4.0 1  |      |   |       |                |     |   |
| 279.0 3.0 1   |      |   |       |                |     |   |
| 294.0 4.0 1   |      |   |       |                |     |   |
| 303.0 4.0 1   |      |   |       |                |     |   |
| 306.0 1.0 1   |      |   |       |                |     |   |
| 307.0 4.0 1   |      |   |       |                |     |   |
| 310.0 3.0 1<br>325.0 4.0 1  |      |   |       |                |     |   |
| 73 0 True 302.0 4.0 1   | 73   | Θ | True  |                |     |   |
| False 425.0 4.0 1   |      |   |       |                |     |   |
| 421.0 2.0 1   |      |   |       | 421.0          | 2.0 | 1 |
| 391.0 4.0 1   |      |   |       |                |     |   |
| 132.0 3.0 1   |      |   |       |                |     |   |
| 139.0 2.0 1<br>144.0 4.0 1  |      |   |       |                |     |   |
| 144.0 4.0 1   |      |   |       |                |     |   |
| 175.0 3.0 1   |      |   |       |                |     |   |
| 225.0 4.0 1   |      |   |       |                |     |   |
| 231.0 4.0 1   |      |   |       | 231.0          |     |   |

| 252.0 4.0<br>302.0 2.0<br>319.0 2.0<br>324.0 4.0<br>331.0 4.0 | 1<br>1<br>1<br>1 |
|---|------------------|
| 319.0 2.0<br>324.0 4.0  | 1<br>1           |
| 324.0 4.0   | 1                |
|   |                  |
| 331.0 4.0   | _                |
| 343.0 2.0   | 1                |
| 346.0 2.0   | 1                |
| 352.0 2.0   | 1                |
| 4.0   | 1                |
| 353.0 2.0   | 1                |
| 74 0 False 334.0 4.0  | 1                |
| 339.0 4.0   | 1                |
| 340.0 3.0<br>75 0 False 261.0 2.0                             | 1                |
| 75 0 False 261.0 2.0 321.0 3.0                                | 1<br>1           |
| 324.0 3.0   | 1                |
| 334.0 2.0   | 1                |
| 367.0 4.0   | 1                |
| 390.0 2.0   | 1                |
| True 324.0 4.0  | 1                |
| 338.0 4.0   | 1                |
| 362.0 4.0   | 1                |
| 1 False 120.0 4.0   | 1                |
| 309.0 4.0   | 1                |
| 342.0 4.0   | 1                |
| 355.0 2.0   | 1                |
| True 120.0 3.0  | 1                |
| 76 0 False 120.0 3.0 128.0 3.0                                | 1<br>1           |
| 156.0 4.0   | 1                |
| 219.0 4.0   | 1                |
| 75 0 False 289.0 2.0  | 1                |
| 223.0 2.0   | 1                |
| 74 0 False 349.0 4.0  | 1                |
| 75 0 False 216.0 3.0  | 1                |
| 74 0 False 356.0 1.0  | 1                |
| 367.0 4.0   | 1                |
| 386.0 2.0   | 1                |
| 431.0 4.0   | 1                |
| True 120.0 3.0  | 1                |
| 292.0 3.0   | 1                |
| 1 False 156.0 4.0<br>260.0 4.0                                | 1<br>1           |
| 300.0 1.0   | 1                |
| 382.0 4.0   | 1                |
| True 322.0 4.0  | 1                |
| 75 0 False 120.0 4.0  | 1                |
| 155.0 3.0   | 1                |
| 181.0 3.0   | 1                |
| 185.0 4.0   | 1                |
| 190.0 3.0   | 1                |
| 192.0 4.0   | 1                |
| 72 1 False 285.0 4.0  | 1                |
| 239.0 4.0   | 1                |
| 220.0 4.0   | 1                |
| 70 0 False 207.0 4.0  | 1                |
| 247.0 2.0<br>319.0 2.0  | 1<br>1           |
| 321.0 2.0   | 1                |
| 329.0 4.0   | 1                |
| 340.0 3.0   | 1                |
| 341.0 2.0   | 1                |
| 345.0 4.0   | 1                |
| 351.0 2.0   | 1                |
| 405.0 3.0   | 1                |
| True 161.0 4.0  | 1                |

|     |   |               | 200.0          | 4.0        | 1      |
|-----|---|---------------|----------------|------------|--------|
|     |   |               | 203.0          | 4.0        | 1      |
|     |   |               | 222.0          | 4.0        | 1      |
|     |   |               | 309.0          | 4.0        | 1      |
|     | 1 | False         | 176.0          | 4.0        | 1      |
|     |   |               | 185.0          | 4.0        | 1      |
|     |   |               | 216.0          | 4.0        | 1      |
|     | 0 | False         | 225.0          | 3.0        | 1      |
|     |   | _             | 192.0          | 4.0        | 1      |
|     | 1 | False         | 317.0          | 1.0        | 1      |
| 00  | 0 | False         | 190.0          | 4.0        | 1      |
| 69  | 0 | False         | 373.0<br>385.0 | 2.0<br>4.0 | 1<br>1 |
|     |   |               | 398.0          | 4.0        | 1      |
|     |   |               | 404.0          | 3.0        | 1      |
|     |   | True          | 158.0          | 4.0        | 1      |
|     |   |               | 323.0          | 4.0        | 1      |
|     |   |               | 324.0          | 4.0        | 1      |
|     | 1 | False         | 168.0          | 3.0        | 1      |
|     |   |               | 297.0          | 4.0        | 1      |
|     |   |               | 586.0          | 3.0        | 1      |
|     |   | True          | 301.0          | 3.0        | 1      |
| 70  | 0 | False         | 120.0          | 2.0        | 1      |
|     |   |               | 140.0          | 3.0        | 1      |
|     |   |               | 149.0<br>159.0 | 3.0<br>4.0 | 1<br>1 |
|     |   |               | 185.0          | 2.0        | 1      |
|     |   |               | 189.0          | 2.0        | 1      |
|     | 1 | False         | 239.0          | 4.0        | 1      |
|     |   |               | 331.0          | 3.0        | 1      |
| 72  | 1 | False         | 201.0          | 4.0        | 1      |
| 71  | 0 | True          | 364.0          | 4.0        | 1      |
|     | 1 | False         | 203.0          | 3.0        | 1      |
|     |   |               | 258.0          | 2.0        | 1      |
|     |   |               | 356.0          | 3.0        | 1      |
| 7.0 | • | E-1           | 420.0          | 3.0        | 1      |
| 72  | 0 | False         | 121.0          | 1.0        | 1      |
|     |   |               | 183.0<br>254.0 | 4.0<br>4.0 | 1<br>1 |
|     |   |               | 289.0          | 2.0        | 1      |
|     |   |               | 302.0          | 4.0        | 1      |
|     |   |               | 309.0          | 4.0        | 1      |
|     |   |               | 336.0          | 4.0        | 1      |
|     |   |               | 337.0          | 4.0        | 1      |
|     |   |               | 345.0          | 2.0        | 1      |
|     |   |               | 477.0          | 4.0        | 1      |
|     |   | True          | 318.0          | 2.0        | 1      |
|     | 4 | <b>5</b> 0100 | 511.0          | 3.0        | 1      |
| 71  | 1 | False         | 145.0          | 2.0        | 1      |
| 71  | 0 | True          | 574.0<br>185.0 | 4.0<br>3.0 | 1<br>1 |
| 70  | 1 | False         | 372.0          | 4.0        | 1      |
| 71  | 0 | False         | 1367.0         | 1.0        | 1      |
| 70  | 1 | False         | 396.0          | 4.0        | 1      |
| 71  | 0 | False         | 120.0          | 2.0        | 1      |
|     |   |               | 163.0          | 2.0        | 1      |
|     |   |               | 224.0          | 4.0        | 1      |
|     |   |               | 230.0          | 1.0        | 1      |
|     |   |               | 276.0          | 4.0        | 1      |
|     |   |               | 299.0          | 2.0        | 1      |
|     |   |               | 301.0          | 2.0        | 1      |
|     |   |               | 316.0          | 4.0        | 1      |
|     |   |               | 351.0<br>358.0 | 4.0<br>2.0 | 1<br>1 |
|     |   |               | 363.0          | 4.0        | 1      |
|     |   |               | 365.0          | 3.0        | 1      |
|     |   |               |                |            |        |

| ## APT-0   |     |   |        | 376.0 | 2.0 | 1 |
|--|-----|---|--------|-------|-----|---|
| 76         0         False         226.0         3.0         1           55         0         False         267.0         4.0         1           78         0         False         345.0         2.0         1           333.0         33.0         3.0         1         336.0         2.0         1           337.0         4.0         1         339.0         2.0         1         341.0         3.0         1           341.0         3.0         3.0         1         342.0         4.0         1         342.0         4.0         1         343.0         4.0         1         343.0         4.0         1         343.0         4.0         1         343.0         4.0         1         343.0         4.0         1         365.0         4.0         1         366.0         4.0         1         366.0         4.0         1         366.0         4.0         1         366.0         4.0         1         366.0         4.0         1         366.0         4.0         1         366.0         4.0         1         366.0         4.0         1         327.0         3.0         1         387.0         3.0         1 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td></t<>  |     |   |        |       |     |   |
| 76         0         False 266.0 2.0 1         2.0         1         263.0 2.0 1         1 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td></td<>   |     |   |        |       |     |   |
| 55 0 False 267.0 4.0 1 78 0 False 345.0 2.0 1 333.0 3.0 1 336.0 2.0 1 337.0 4.0 1 339.0 2.0 1 340.0 2.0 1 341.0 3.0 1 341.0 3.0 1 343.0 4.0 1 343.0 4.0 1 343.0 4.0 1 345.0 4.0 1 345.0 4.0 1 345.0 4.0 1 345.0 4.0 1 345.0 4.0 1 345.0 4.0 1 346.0 3.0 1 356.0 3.0 1 356.0 4.0 1 366.0 4.0 1 366.0 4.0 1 388.0 3.0 1 388.0 3.0 1 388.0 3.0 1 388.0 4.0 1 328.0 4.0 1 327.0 2.0 1 328.0 4.0 1 255.0 3.0 1 256.0 4.0 1 277.0 2.0 1 280.0 4.0 1 297.0 4.0 1 297.0 4.0 1 311.0 31.0 3.0 1 311.0 31.0 3.0 1 311.0 31.0 3.0 1 311.0 31.0 3.0 1 311.0 31.0 3.0 1 311.0 31.0 3.0 1 311.0 31.0 31.0 31.0 1 311.0 31.0 31.0 31.0 1 311.0 31.0 31.0 31.0 1 311.0 310.0 31.0 1 311.0 31.0 |     |   |        |       |     |   |
| 55         0         False         267.0         4.0         1           78         0         False         345.0         2.0         1           336.0         2.0         1         336.0         2.0         1           337.0         4.0         1         339.0         2.0         1           340.0         2.0         1         341.0         3.0         1           342.0         4.0         1         345.0         4.0         1           76         0         False         286.0         4.0         1           78         0         False         286.0         4.0         1           361.0         4.0         1         366.0         4.0         1           366.0         4.0         1         366.0         4.0         1           376.0         3.0         1         383.0         3.0         1           387.0         4.0         1         324.0         4.0         1           324.0         4.0         1         255.0         3.0         1           324.0         4.0         1         277.0         2.0         1           <  | 76  | 0 | Fa⊥se  |       |     |   |
| 78       0       False       345.0       2.0       1         333.0       3.0       1       336.0       2.0       1         337.0       4.0       1       339.0       2.0       1         340.0       2.0       1       341.0       3.0       1         341.0       3.0       4.0       1         342.0       4.0       1       343.0       4.0       1         78       0       False       286.0       4.0       1         78       0       False       353.0       4.0       1         366.0       4.0       1       366.0       4.0       1         366.0       4.0       1       366.0       4.0       1         366.0       4.0       1       383.0       3.0       1         387.0       3.0       1       384.0       1.0       1         387.0       4.0       1       2.0       1         327.0       2.0       1       2.0       1         327.0       2.0       1       2.0       1         274.0       2.0       1       2.0       1         280.0   | 55  | 0 | Ealco  |       |     |   |
| 333.0 3.0 1 336.0 2.0 1 337.0 4.0 1 339.0 2.0 1 340.0 2.0 1 341.0 3.0 1 342.0 4.0 1 343.0 4.0 1 345.0 4.0 1 76 0 False 286.0 4.0 1 78 0 False 353.0 4.0 1 366.0 4.0 1 376.0 3.0 1 387.0 3.0 1 387.0 4.0 1 387.0 4.0 1 387.0 4.0 1 387.0 4.0 1 387.0 4.0 1 387.0 4.0 1 387.0 4.0 1 387.0 4.0 1 327.0 2.0 1 328.0 4.0 1 331.0 3. |     |   |        |       |     |   |
| 336.0  | . 0 | Ü | . 4100 |       |     |   |
| 339.0  |     |   |        |       |     |   |
| 340.0  |     |   |        | 337.0 |     |   |
| 341.0  |     |   |        |       |     |   |
| 342.0  |     |   |        |       |     |   |
| 343.0  |     |   |        |       |     |   |
| 76       0       False       286.0       4.0       1         78       0       False       353.0       4.0       1         354.0       3.0       1       361.0       4.0       1         366.0       4.0       1       376.0       3.0       1         383.0       3.0       1       384.0       1.0       1         387.0       4.0       1       2.0       1         328.0       4.0       1       2.0       1         327.0       2.0       1       324.0       4.0       1         252.0       3.0       1       256.0       4.0       1         274.0       2.0       1       277.0       2.0       1         280.0       4.0       1       297.0       4.0       1         297.0       4.0       1       311.0       4.0       1         311.0       4.0       1       312.0       4.0       1         312.0       2.0       1       318.0       4.0       1         321.0       2.0       1       393.0       1         410.0       3.0       1       40.0       1   |     |   |        |       |     |   |
| 76       0       False       286.0       4.0       1         78       0       False       353.0       4.0       1         361.0       4.0       1       366.0       4.0       1         366.0       4.0       1       376.0       3.0       1         383.0       3.0       1       387.0       4.0       1         387.0       4.0       1       2.0       1         328.0       4.0       1       2.0       1         327.0       2.0       1       252.0       3.0       1         324.0       4.0       4.0       1       252.0       3.0       1         256.0       4.0       1       277.0       2.0       1       277.0       2.0       1         277.0       2.0       1       290.0       4.0       1       290.0       4.0       1       307.0       3.0       1       311.0       4.0       1       312.0       4.0       1       313.0       3.0       1       318.0       4.0       1       321.0       1       4.0       1       321.0       1       4.0       1       322.0       1       4.0  |     |   |        |       |     |   |
| 354.0  | 76  | 0 | False  | 286.0 |     | 1 |
| 361.0  | 78  | 0 | False  |       |     |   |
| 366.0  |     |   |        |       |     |   |
| 376.0  |     |   |        |       |     |   |
| 383.0  |     |   |        |       |     |   |
| 384.0       1.0       1         387.0       4.0       1         328.0       4.0       1         2.0       1         327.0       2.0       1         324.0       4.0       1         252.0       3.0       1         256.0       4.0       1         274.0       2.0       1         277.0       2.0       1         280.0       4.0       1         297.0       4.0       1         307.0       3.0       1         311.0       4.0       1         312.0       4.0       1         313.0       3.0       1         318.0       4.0       1         323.0       2.0       1         40.0       1       3         323.0       2.0       1         40.0       1       3         323.0       3.0       1         410.0       3.0       1         423.0       3.0       1         423.0       3.0       1         423.0       3.0       1         423.0       1       0  |     |   |        |       |     |   |
| 387.0  |     |   |        |       |     |   |
| 2.0 1 327.0 2.0 1 324.0 4.0 1 252.0 3.0 1 256.0 4.0 1 274.0 2.0 1 277.0 2.0 1 280.0 4.0 1 290.0 4.0 1 297.0 4.0 1 307.0 3.0 1 311.0 4.0 1 312.0 4.0 1 313.0 3.0 1 316.0 2.0 1 318.0 4.0 1 321.0 2.0 1 323.0 2.0 1 323.0 2.0 1 393.0 3.0 1 310.0 3.0 1 310.0 3.0 1 310.0 3.0 1 312.0 4.0 1 321.0 2.0 1 322.0 1 393.0 3.0 1 410.0 3.0 1 410.0 3.0 1 229.0 4.0 1 229.0 4.0 1 229.0 4.0 1 229.0 4.0 1 229.0 4.0 1 229.0 4.0 1 229.0 4.0 1 229.0 4.0 1 2333.0 2.0 1 333.0 4.0 1 333.0 4.0 1 333.0 4.0 1 333.0 4.0 1 333.0 4.0 1 333.0 4.0 1 333.0 4.0 1 333.0 4.0 1 333.0 4.0 1 333.0 4.0 1 333.0 4.0 1 333.0 4.0 1 333.0 4.0 1 333.0 4.0 1 333.0 4.0 1   |     |   |        |       |     |   |
| 327.0  |     |   |        | 328.0 |     |   |
| 324.0  |     |   |        |       |     |   |
| 252.0  |     |   |        |       |     |   |
| 256.0  |     |   |        |       |     |   |
| 274.0  |     |   |        |       |     |   |
| 277.0  |     |   |        |       |     |   |
| 290.0  |     |   |        |       |     |   |
| 297.0  |     |   |        |       |     |   |
| 307.0  |     |   |        |       |     |   |
| 311.0  |     |   |        |       |     |   |
| 312.0  |     |   |        |       |     |   |
| 313.0 3.0 1 316.0 2.0 1 318.0 4.0 1 321.0 2.0 1 4.0 1 323.0 2.0 1 3.0 1 393.0 3.0 1 410.0 3.0 1 423.0 3.0 1 423.0 3.0 1 1 False 185.0 4.0 1 207.0 4.0 1 212.0 2.0 1 229.0 4.0 1 229.0 4.0 1 229.0 4.0 1 263.0 4.0 1 289.0 4.0 1 289.0 4.0 1 300.0 2.0 1 300.0 2.0 1 333.0 4.0 1 333.0 4.0 1 338.0 4.0 1 358.0 4.0 1 358.0 4.0 1 358.0 4.0 1 358.0 4.0 1 366.0 2.0 1  |     |   |        |       |     |   |
| 316.0  |     |   |        |       |     |   |
| 321.0  |     |   |        |       | 2.0 | 1 |
| 4.0 1 323.0 2.0 1 3.0 1 393.0 3.0 1 410.0 3.0 1 423.0 3.0 1 423.0 3.0 1 1 False 185.0 4.0 1 207.0 4.0 1 212.0 2.0 1 229.0 4.0 1 263.0 4.0 1 289.0 4.0 1 289.0 4.0 1 300.0 2.0 1 300.0 2.0 1 333.0 4.0 1 338.0 4.0 1 338.0 4.0 1 358.0 4.0 1 358.0 4.0 1 361.0 3.0 1 366.0 2.0 1  |     |   |        |       |     |   |
| 323.0 2.0 1 3.0 1 393.0 3.0 1 410.0 3.0 1 423.0 3.0 1 423.0 3.0 1 1 False 185.0 4.0 1 207.0 4.0 1 212.0 2.0 1 229.0 4.0 1 263.0 4.0 1 289.0 4.0 1 296.0 4.0 1 300.0 2.0 1 300.0 2.0 1 333.0 4.0 1 333.0 4.0 1 338.0 4.0 1 358.0 4.0 1 358.0 2.0 1 361.0 3.0 1 366.0 2.0 1  |     |   |        | 321.0 |     |   |
| 3.0 1 393.0 3.0 1 410.0 3.0 1 423.0 3.0 1 1 False 185.0 4.0 1 207.0 4.0 1 212.0 2.0 1 229.0 4.0 1 263.0 4.0 1 289.0 4.0 1 296.0 4.0 1 300.0 2.0 1 332.0 3.0 1 332.0 3.0 1 333.0 4.0 1 338.0 4.0 1 353.0 2.0 1 358.0 4.0 1 366.0 2.0 1  |     |   |        | 222 0 |     |   |
| 393.0 3.0 1 410.0 3.0 1 423.0 3.0 1 1 False 185.0 4.0 1 207.0 4.0 1 212.0 2.0 1 229.0 4.0 1 263.0 4.0 1 289.0 4.0 1 296.0 4.0 1 300.0 2.0 1 300.0 2.0 1 332.0 3.0 1 333.0 4.0 1 333.0 4.0 1 338.0 4.0 1 358.0 4.0 1 358.0 4.0 1 366.0 2.0 1  |     |   |        | 323.0 |     |   |
| 410.0 3.0 1 423.0 3.0 1 1 False 185.0 4.0 1 207.0 4.0 1 212.0 2.0 1 229.0 4.0 1 263.0 4.0 1 289.0 4.0 1 296.0 4.0 1 300.0 2.0 1 300.0 2.0 1 332.0 3.0 1 333.0 4.0 1 338.0 4.0 1 358.0 4.0 1 358.0 4.0 1 361.0 3.0 1 366.0 2.0 1  |     |   |        | 393.0 |     |   |
| 1 False 185.0 4.0 1 207.0 4.0 1 212.0 2.0 1 229.0 4.0 1 263.0 4.0 1 289.0 4.0 1 296.0 4.0 1 300.0 2.0 1 322.0 3.0 1 333.0 4.0 1 338.0 4.0 1 353.0 2.0 1 358.0 4.0 1 361.0 3.0 1  |     |   |        |       |     |   |
| 207.0       4.0       1         212.0       2.0       1         229.0       4.0       1         263.0       4.0       1         289.0       4.0       1         296.0       4.0       1         300.0       2.0       1         322.0       3.0       1         333.0       4.0       1         353.0       2.0       1         358.0       4.0       1         361.0       3.0       1         366.0       2.0       1  |     |   |        |       | 3.0 | 1 |
| 212.0       2.0       1         229.0       4.0       1         263.0       4.0       1         289.0       4.0       1         296.0       4.0       1         300.0       2.0       1         322.0       3.0       1         333.0       4.0       1         353.0       2.0       1         358.0       4.0       1         361.0       3.0       1         366.0       2.0       1  |     | 1 | False  |       |     |   |
| 229.0       4.0       1         263.0       4.0       1         289.0       4.0       1         296.0       4.0       1         300.0       2.0       1         322.0       3.0       1         333.0       4.0       1         338.0       4.0       1         353.0       2.0       1         358.0       4.0       1         361.0       3.0       1         366.0       2.0       1  |     |   |        |       |     |   |
| 263.0  |     |   |        |       |     |   |
| 289.0       4.0       1         296.0       4.0       1         300.0       2.0       1         322.0       3.0       1         333.0       4.0       1         338.0       4.0       1         353.0       2.0       1         358.0       4.0       1         361.0       3.0       1         366.0       2.0       1  |     |   |        |       |     |   |
| 296.0       4.0       1         300.0       2.0       1         322.0       3.0       1         333.0       4.0       1         338.0       4.0       1         353.0       2.0       1         358.0       4.0       1         361.0       3.0       1         366.0       2.0       1  |     |   |        |       |     |   |
| 322.0       3.0       1         333.0       4.0       1         338.0       4.0       1         353.0       2.0       1         358.0       4.0       1         361.0       3.0       1         366.0       2.0       1  |     |   |        |       |     |   |
| 333.0       4.0       1         338.0       4.0       1         353.0       2.0       1         358.0       4.0       1         361.0       3.0       1         366.0       2.0       1  |     |   |        | 300.0 | 2.0 | 1 |
| 338.0       4.0       1         353.0       2.0       1         358.0       4.0       1         361.0       3.0       1         366.0       2.0       1  |     |   |        |       |     |   |
| 353.0       2.0       1         358.0       4.0       1         361.0       3.0       1         366.0       2.0       1  |     |   |        |       |     |   |
| 358.0       4.0       1         361.0       3.0       1         366.0       2.0       1  |     |   |        |       |     |   |
| 361.0 3.0 1<br>366.0 2.0 1   |     |   |        |       |     |   |
| 366.0 2.0 1  |     |   |        |       |     |   |
|  |     |   |        |       |     |   |
|  |     |   |        |       |     |   |

|    |        |                | 406.0          | 3.0        | 1      |
|----|--------|----------------|----------------|------------|--------|
|    |        |                | 714.0          | 4.0        | 1      |
|    |        |                | 194.0          | 4.0        | 1      |
|    |        |                | 176.0          | 4.0        | 1      |
|    | 0      | False          | 444.0          | 4.0        | 1      |
|    | 1<br>0 | False<br>False | 126.0<br>455.0 | 3.0<br>4.0 | 1<br>1 |
|    | U      | raise          | 484.0          | 4.0        | 1      |
|    |        |                | 558.0          | 4.0        | 1      |
|    |        | True           | 120.0          | 3.0        | 1      |
|    |        |                | 170.0          | 2.0        | 1      |
|    |        |                | 175.0          | 4.0        | 1      |
|    |        |                | 182.0          | 2.0        | 1      |
|    |        |                | 290.0<br>297.0 | 4.0<br>4.0 | 1<br>1 |
|    |        |                | 302.0          | 4.0        | 1      |
|    |        |                | 321.0          | 3.0        | 1      |
|    |        |                | 378.0          | 4.0        | 1      |
|    |        |                | 427.0          | 4.0        | 1      |
|    |        | _ 1            | 459.0          | 3.0        | 1      |
|    | 1      | False          | 120.0          | 1.0        | 1      |
|    |        |                |                | 2.0<br>4.0 | 1<br>1 |
|    | 0      | False          | 251.0          | 3.0        | 1      |
|    | -      |                | 238.0          | 3.0        | 1      |
|    |        |                | 234.0          | 4.0        | 1      |
| 76 | 0      | True           | 462.0          | 2.0        | 1      |
| 77 | 0      | False          | 120.0          | 2.0        | 1      |
|    |        |                | 136.0          | 4.0        | 1      |
|    |        |                | 159.0<br>292.0 | 3.0<br>4.0 | 1<br>1 |
|    |        |                | 294.0          | 2.0        | 1      |
|    |        |                | 295.0          | 4.0        | 1      |
|    |        |                | 300.0          | 4.0        | 1      |
|    |        |                | 302.0          | 3.0        | 1      |
|    |        |                | 308.0          | 3.0        | 1      |
|    |        |                | 317.0<br>324.0 | 4.0<br>2.0 | 1<br>1 |
|    |        |                | 329.0          | 3.0        | 1      |
|    |        |                | 360.0          | 2.0        | 1      |
|    |        |                | 396.0          | 2.0        | 1      |
|    |        |                | 414.0          | 4.0        | 1      |
|    |        | True           | 120.0          | 2.0        | 1      |
|    |        | Falco          | 322.0          | 3.0        | 1<br>1 |
| 76 | 0      | False<br>True  | 120.0<br>313.0 | 1.0<br>2.0 | 1      |
| 77 | 1      | False          | 254.0          | 4.0        | 1      |
| 76 | 0      | True           | 206.0          | 4.0        | 1      |
|    |        | False          | 296.0          | 4.0        | 1      |
|    |        |                | 304.0          | 4.0        | 1      |
|    |        |                | 305.0          | 3.0        | 1<br>1 |
|    |        |                | 311.0<br>317.0 | 3.0<br>3.0 | 1      |
|    |        |                | 320.0          | 4.0        | 1      |
|    |        |                | 323.0          | 4.0        | 1      |
|    |        |                | 325.0          | 4.0        | 1      |
|    |        |                | 328.0          | 3.0        | 1      |
|    |        |                | 342.0          | 3.0        | 1      |
|    |        |                | 349.0<br>354.0 | 4.0<br>3.0 | 1<br>1 |
|    |        |                | 354.0          | 2.0        | 1      |
|    |        |                | 365.0          | 2.0        | 1      |
|    |        |                | 428.0          | 3.0        | 1      |
|    |        |                | 444.0          | 4.0        | 1      |
|    | _      | _              | 623.0          | 4.0        | 1      |
| 77 | 0      | True           | 338.0          | 4.0        | 1      |

|    | 1 | False  | 332.0          | 3.0        | 1      |
|----|---|--------|----------------|------------|--------|
| 78 | 0 | False  | 230.0          | 4.0        | 1      |
|    |   |        | 178.0          | 3.0        | 1      |
|    |   |        | 186.0          | 3.0        | 1      |
|    |   |        | 191.0          | 4.0        | 1      |
|    |   |        | 192.0          | 2.0        | 1      |
|    |   |        | 193.0          | 4.0        | 1      |
|    |   |        | 194.0          | 4.0        | 1      |
|    |   |        | 198.0          | 2.0        | 1      |
|    |   |        | 199.0          | 4.0        | 1      |
|    |   |        | 202.0          | 1.0        | 1      |
|    |   |        | 206.0          | 3.0        | 1      |
|    |   |        | 210.0          | 4.0        | 1      |
|    |   |        | 212.0          | 4.0        | 1      |
|    |   |        | 215.0          | 2.0        | 1      |
|    |   |        | 217.0          | 4.0        | 1      |
|    |   |        | 218.0          | 3.0        | 1      |
|    |   |        | 220.0          | 4.0        | 1      |
|    |   |        | 223.0          | 1.0        | 1      |
|    |   |        | 228.0          | 4.0        | 1      |
|    |   |        | 179.0          | 2.0<br>2.0 | 1      |
| 77 | 1 | False  | 174.0<br>352.0 | 3.0        | 1<br>1 |
| 78 | 0 | False  | 172.0          | 4.0        | 1      |
| 77 | 1 | False  | 395.0          | 4.0        | 1      |
| 78 | 0 | False  | 126.0          | 4.0        | 1      |
|    | Ū | 1 4130 | 131.0          | 1.0        | 1      |
|    |   |        | 101.0          | 2.0        | 1      |
|    |   |        | 132.0          | 3.0        | 1      |
|    |   |        | 133.0          | 4.0        | 1      |
|    |   |        | 137.0          | 3.0        | 1      |
|    |   |        | 141.0          | 1.0        | 1      |
|    |   |        | 142.0          | 2.0        | 1      |
|    |   |        | 146.0          | 4.0        | 1      |
|    |   |        | 149.0          | 4.0        | 1      |
|    |   |        | 158.0          | 1.0        | 1      |
|    |   |        |                | 4.0        | 1      |
|    |   |        | 164.0          | 3.0        | 1      |
|    |   |        | 166.0          | 4.0        | 1      |
|    |   |        | 169.0          | 4.0        | 1      |
| 60 | 0 | False  | 170.0<br>341.0 | 4.0<br>4.0 | 1<br>1 |
| 69 | U | raise  | 326.0          | 3.0        | 1      |
|    |   |        | 315.0          | 2.0        | 1      |
| 59 | 1 | False  | 284.0          | 4.0        | 1      |
| 55 | 0 | False  | 360.0          | 4.0        | 1      |
|    | Ū | 1 4100 | 374.0          | 4.0        | 1      |
|    |   |        | 405.0          | 4.0        | 1      |
|    |   |        | 500.0          | 4.0        | 1      |
|    |   |        | 558.0          | 4.0        | 1      |
|    |   | True   | 308.0          | 4.0        | 1      |
|    |   |        | 384.0          | 1.0        | 1      |
|    | 1 | False  | 120.0          | 4.0        | 1      |
|    |   |        | 313.0          | 4.0        | 1      |
| 69 | 0 | False  | 308.0          | 2.0        | 1      |
| 59 | 1 | False  | 334.0          | 4.0        | 1      |
|    |   |        | 342.0          | 3.0        | 1      |
|    |   | _      | 343.0          | 4.0        | 1      |
| 00 | _ | True   | 254.0          | 2.0        | 1      |
| 60 | 0 | False  | 120.0          | 2.0        | 1      |
|    |   |        | 125.0          | 4.0        | 1      |
|    |   |        | 147.0          | 4.0        | 1      |
| 59 | 0 | False  | 163.0<br>358.0 | 3.0<br>2.0 | 1<br>1 |
| Ja | U | гатэв  | 358.0          | 3.0        | 1      |
|    |   |        | 334.0          | 3.0        | 1      |
|    |   |        | 557.0          | 5.0        |        |

|          |        |                | 330.0          | 1.0        | 1      |
|----------|--------|----------------|----------------|------------|--------|
| 58       | 0      | False          | 370.0          | 2.0        | 1      |
|          |        |                | 379.0          | 3.0        | 1      |
|          |        |                | 518.0          | 4.0        | 1      |
|          |        | True           | 138.0          | 4.0        | 1      |
|          |        |                | 147.0          | 1.0        | 1      |
|          |        |                | 261.0          | 4.0        | 1      |
|          |        |                | 301.0          | 4.0        | 1      |
|          | 1      | False          | 120.0          | 4.0        | 1      |
|          |        |                | 316.0          | 2.0        | 1      |
| 59       | 0      | False          | 120.0          | 2.0        | 1      |
|          |        |                | 124 0          | 3.0        | 1      |
|          |        |                | 124.0<br>136.0 | 4.0<br>4.0 | 1<br>1 |
|          |        |                | 182.0          | 4.0        | 1      |
|          |        |                | 234.0          | 4.0        | 1      |
|          |        |                | 236.0          | 4.0        | 1      |
|          |        |                | 311.0          | 3.0        | 1      |
| 60       | 0      | False          | 294.0          | 4.0        | 1      |
|          |        |                | 307.0          | 3.0        | 1      |
|          |        |                | 316.0          | 4.0        | 1      |
| 61       | 0      | False          | 373.0          | 2.0        | 1      |
|          |        |                | 383.0          | 3.0        | 1      |
|          |        |                | 385.0          | 4.0        | 1      |
|          |        | _              | 396.0          | 4.0        | 1      |
|          |        | True           | 209.0          | 4.0        | 1      |
|          |        |                | 315.0          | 3.0        | 1      |
|          |        |                | 334.0<br>342.0 | 4.0<br>1.0 | 1      |
|          |        |                | 347.0          | 1.0        | 1<br>1 |
|          |        |                | 448.0          | 4.0        | 1      |
|          | 1      | False          | 212.0          | 4.0        | 1      |
|          | _      | . 4.200        | 257.0          | 4.0        | 1      |
|          |        |                | 299.0          | 4.0        | 1      |
|          |        |                | 311.0          | 4.0        | 1      |
|          |        |                | 376.0          | 4.0        | 1      |
|          |        |                | 1256.0         | 4.0        | 1      |
| 62       | 0      | False          | 120.0          | 3.0        | 1      |
|          |        |                | 137.0          | 2.0        | 1      |
| 61       | 0      | False          | 374.0          | 4.0        | 1      |
| 60       | 0      | Foloo          | 342.0          | 4.0        | 1      |
| 60<br>61 | 0<br>0 | False<br>False | 330.0<br>324.0 | 3.0<br>4.0 | 1<br>1 |
| 60       | 0      | False          | 343.0          | 2.0        | 1      |
| 00       | U      | raise          | 358.0          | 4.0        | 1      |
|          |        |                | 363.0          | 3.0        | 1      |
|          |        |                | 535.0          | 4.0        | 1      |
|          |        | True           | 120.0          | 2.0        | 1      |
|          |        |                | 302.0          | 4.0        | 1      |
|          | 1      | False          | 147.0          | 4.0        | 1      |
|          |        |                | 298.0          | 2.0        | 1      |
|          |        |                | 340.0          | 4.0        | 1      |
| 61       | 0      | False          | 146.0          | 2.0        | 1      |
|          |        |                | 211.0          | 4.0        | 1      |
|          |        |                | 268.0          | 4.0        | 1      |
|          |        |                | 271.0          | 4.0        | 1      |
|          |        |                | 292.0<br>298.0 | 3.0<br>4.0 | 1<br>1 |
|          |        |                | 302.0          | 3.0        | 1      |
|          |        |                | 305.0          | 4.0        | 1      |
| 58       | 0      | False          | 363.0          | 4.0        | 1      |
| -        | -      |                | 348.0          | 2.0        | 1      |
|          |        |                | 334.0          | 4.0        | 1      |
| 55       | 1      | False          | 295.0          | 3.0        | 1      |
|          |        |                | 360.0          | 2.0        | 1      |
| 56       | 0      | False          | 120.0          | 3.0        | 1      |

|   |                |   |               | 156.0          | 2.0        | 1      |
|---|----------------|---|---------------|----------------|------------|--------|
|   |                |   |               | 209.0          | 3.0        | 1      |
|   |                |   |               | 230.0          | 4.0        | 1      |
|   |                |   |               | 261.0          | 2.0        | 1      |
|   |                |   |               | 265.0<br>268.0 | 4.0<br>4.0 | 1<br>1 |
|   |                |   |               | 271.0          | 4.0        | 1      |
|   |                |   |               | 288.0          | 2.0        | 1      |
|   |                |   |               | 289.0          | 4.0        | 1      |
|   |                |   |               | 295.0<br>309.0 | 4.0<br>4.0 | 1<br>1 |
|   |                |   |               | 313.0          | 4.0        | 1      |
|   |                |   |               | 323.0          | 4.0        | 1      |
|   |                |   |               | 327.0          | 2.0        | 1      |
|   | 55             | 1 | False         | 334.0<br>346.0 | 4.0<br>2.0 | 1<br>1 |
|   | 55             | 1 | raise         | 253.0          | 2.0        | 1      |
|   | 56             | 0 | False         | 344.0          | 4.0        | 1      |
|   | 55             | 0 | True          | 423.0          | 4.0        | 1      |
|   |                |   | False         | 274.0          | 3.0        | 1      |
|   |                |   |               | 282.0<br>286.0 | 4.0<br>4.0 | 1<br>1 |
|   |                |   |               | 300.0          | 4.0        | 1      |
|   |                |   |               | 320.0          | 3.0        | 1      |
|   |                |   |               | 327.0          | 2.0        | 1      |
|   |                |   |               | 331.0<br>346.0 | 2.0<br>4.0 | 1<br>1 |
|   |                |   |               | 356.0          | 4.0        | 1      |
|   |                |   |               | 361.0          | 4.0        | 1      |
|   |                |   |               | 364.0          | 2.0        | 1      |
| С | 78             | 0 | False         | 379.0<br>401.0 | 1.0<br>4.0 | 1<br>1 |
| D | 55             | 0 | True          | 181.0          | 2.0        | 1      |
|   |                |   |               | 191.0          | 4.0        | 1      |
|   |                |   |               | 344.0          | 4.0        | 1      |
|   | 56             | 0 | Ealco         | 354.0<br>338.0 | 4.0<br>4.0 | 1<br>1 |
|   | 50             | U | False         | 345.0          | 4.0        | 1      |
|   | 58             | 0 | False         | 317.0          | 4.0        | 1      |
|   | 57             | 0 | False         | 252.0          | 3.0        | 1      |
|   |                |   |               | 314.0          | 4.0        | 1<br>1 |
|   |                |   |               | 338.0<br>355.0 | 3.0<br>4.0 | 1      |
|   |                |   |               | 377.0          | 4.0        | 1      |
|   |                |   |               | 416.0          | 4.0        | 1      |
|   |                | 1 | True<br>False | 315.0<br>124.0 | 3.0<br>4.0 | 1<br>1 |
|   |                | 1 | raise         | 360.0          | 3.0        | 1      |
|   |                |   | True          | 301.0          | 3.0        | 1      |
|   | 58             | 0 | False         | 120.0          | 2.0        | 1      |
|   |                |   |               | 124 0          | 4.0        | 1      |
|   |                |   |               | 124.0<br>146.0 | 2.0<br>3.0 | 1<br>1 |
|   |                |   |               | 232.0          | 3.0        | 1      |
|   |                |   |               | 260.0          | 4.0        | 1      |
|   |                |   |               | 283.0          | 4.0        | 1      |
|   | 57             | 0 | False         | 305.0<br>306.0 | 4.0<br>4.0 | 1<br>1 |
|   | <del>-</del> - | - |               | 233.0          | 2.0        | 1      |
|   | 56             | 0 | False         | 347.0          | 4.0        | 1      |
|   | 57<br>56       | 0 | False         | 195.0          | 4.0        | 1      |
|   | 56             | Θ | False         | 372.0<br>382.0 | 2.0<br>4.0 | 1<br>1 |
|   |                |   |               | 397.0          | 4.0        | 1      |
|   |                |   |               | 537.0          | 4.0        | 1      |
|   |                |   |               | 932.0          | 4.0        | 1      |

|            |   | True          | 120.0          | 3.0        | 1      |
|------------|---|---------------|----------------|------------|--------|
|            |   |               | 293.0          | 3.0        | 1      |
|            |   |               | 315.0          | 3.0        | 1      |
|            |   |               | 395.0          | 4.0        | 1      |
|            | 1 | False         | 309.0          | 4.0        | 1      |
| 57         | 0 | False         | 120.0          | 1.0        | 1      |
|            |   |               |                | 2.0        | 1      |
|            |   |               | 141.0          | 4.0        | 1      |
|            |   |               | 153.0          | 3.0        | 1      |
|            |   |               | 158.0          | 3.0        | 1      |
|            |   |               | 174.0          | 4.0        | 1      |
| 60         | 0 | <b>F</b> oloo | 186.0          | 2.0        | 1      |
| 62         | 0 | False         | 172.0          | 4.0        | 1      |
|            |   |               | 197.0<br>202.0 | 2.0<br>3.0 | 1<br>1 |
| 67         | 0 | False         | 127.0          | 4.0        | 1      |
| 01         | Ü | 1 4130        | 201.0          | 3.0        | 1      |
|            |   |               | 211.0          | 3.0        | 1      |
|            |   |               | 272.0          | 4.0        | 1      |
|            |   |               | 279.0          | 3.0        | 1      |
|            |   |               | 280.0          | 3.0        | 1      |
|            |   |               | 289.0          | 4.0        | 1      |
|            |   |               | 294.0          | 3.0        | 1      |
|            |   |               | 303.0          | 2.0        | 1      |
|            |   |               | 305.0          | 2.0        | 1      |
|            |   |               | 307.0          | 1.0        | 1      |
|            |   |               | 314.0          | 4.0        | 1      |
|            |   |               | 318.0          | 3.0        | 1      |
|            |   |               | 334.0<br>338.0 | 4.0<br>3.0 | 1<br>1 |
|            |   |               | 364.0          | 2.0        | 1      |
|            |   |               | 371.0          | 1.0        | 1      |
|            |   |               | 456.0          | 4.0        | 1      |
|            |   |               | 161.0          | 4.0        | 1      |
|            |   |               | 127.0          | 3.0        | 1      |
|            |   |               | 472.0          | 3.0        | 1      |
|            |   |               | 124.0          | 3.0        | 1      |
| 65         | 0 | True          | 415.0          | 4.0        | 1      |
|            | 1 | False         | 246.0          | 4.0        | 1      |
|            |   |               | 349.0          | 2.0        | 1      |
| 0.0        | • | E.1           | 416.0          | 3.0        | 1      |
| 66         | 0 | False         | 120.0          | 2.0        | 1      |
|            |   |               | 159.0          | 4.0<br>1.0 | 1<br>1 |
|            |   |               | 224.0          | 1.0        | 1      |
|            |   |               | 248.0          | 3.0        | 1      |
|            |   |               | 267.0          | 4.0        | 1      |
|            |   |               | 347.0          | 4.0        | 1      |
|            |   |               | 350.0          | 3.0        | 1      |
|            |   |               | 360.0          | 4.0        | 1      |
|            |   | True          | 160.0          | 2.0        | 1      |
|            | 1 | False         | 330.0          | 3.0        | 1      |
|            |   |               | 438.0          | 3.0        | 1      |
| 67         | 0 | False         | 120.0          | 4.0        | 1      |
|            |   | <b>-</b>      | 468.0          | 4.0        | 1      |
| <b>с</b> г | 0 | True          | 1235.0         | 2.0        | 1      |
| 65<br>68   | 0 | True          | 175.0          | 4.0        | 1      |
| 68         | 0 | False         | 357.0<br>413.0 | 3.0<br>3.0 | 1      |
|            |   |               | 413.0          | 2.0        | 1<br>1 |
|            |   |               | 658.0          | 4.0        | 1      |
|            |   | True          | 302.0          | 4.0        | 1      |
|            | 1 | False         | 199.0          | 4.0        | 1      |
|            | • |               | 265.0          | 3.0        | 1      |
|            |   |               | 317.0          | 3.0        | 1      |
|            |   |               | 324.0          | 4.0        | 1      |
|            | _ |               | _              |            |        |

|    |   |       | 335.0          | 4.0        | 1      |
|----|---|-------|----------------|------------|--------|
|    |   | True  | 394.0          | 3.0        | 1      |
| 69 | Θ | False | 120.0          | 2.0        | 1      |
|    |   |       | 232.0          | 3.0        | 1      |
|    |   |       | 244.0          | 1.0        | 1      |
|    |   |       | 252.0          | 2.0        | 1      |
|    |   |       | 287.0          | 2.0        | 1      |
|    |   |       | 292.0<br>307.0 | 4.0<br>2.0 | 1<br>1 |
| 68 | 0 | False | 368.0          | 3.0        | 1      |
| 00 | U | гатзе | 355.0          | 4.0        | 1      |
| 67 | 1 | False | 247.0          | 4.0        | 1      |
| 68 | Θ | False | 352.0          | 4.0        | 1      |
| 67 | 1 | False | 416.0          | 2.0        | 1      |
|    |   | True  | 151.0          | 4.0        | 1      |
| 68 | Θ | False | 120.0          | 4.0        | 1      |
|    |   |       | 131.0          | 4.0        | 1      |
|    |   |       | 136.0          | 4.0        | 1      |
|    |   |       | 140.0<br>141.0 | 4.0        | 1<br>1 |
|    |   |       | 226.0          | 4.0        | 1      |
|    |   |       | 316.0          | 2.0        | 1      |
|    |   |       |                | 3.0        | 1      |
|    |   |       | 320.0          | 4.0        | 1      |
|    |   |       | 324.0          | 3.0        | 1      |
|    |   |       | 332.0          | 4.0        | 1      |
|    |   |       | 340.0          | 2.0        | 1      |
|    |   |       | 344.0          | 2.0        | 1      |
|    |   |       | 348.0<br>351.0 | 2.0<br>3.0 | 1<br>1 |
| 65 | 0 | True  | 271.0          | 4.0        | 1      |
| 00 | O | False | 493.0          | 4.0        | 1      |
| 62 | 0 | False | 230.0          | 4.0        | 1      |
|    | 1 | True  | 170.0          | 2.0        | 1      |
| 63 | 0 | False | 120.0          | 2.0        | 1      |
|    |   |       | 136.0          | 4.0        | 1      |
|    |   |       | 163.0          | 2.0        | 1      |
|    |   |       | 181.0          | 3.0        | 1      |
|    |   |       | 186.0<br>221.0 | 4.0<br>4.0 | 1<br>1 |
|    |   |       | 257.0          | 4.0        | 1      |
|    |   |       | 304.0          | 4.0        | 1      |
|    |   |       | 332.0          | 2.0        | 1      |
|    |   |       | 339.0          | 4.0        | 1      |
|    |   |       | 343.0          | 4.0        | 1      |
|    |   |       | 349.0          | 2.0        | 1      |
|    |   |       | 057.0          | 3.0        | 1      |
|    |   |       | 357.0          | 1.0<br>4.0 | 1      |
|    |   |       | 359.0<br>370.0 | 4.0        | 1<br>1 |
|    |   |       | 392.0          | 4.0        | 1      |
| 62 | 1 | True  | 246.0          | 4.0        | 1      |
|    |   | False | 331.0          | 4.0        | 1      |
| 63 | Θ | False | 426.0          | 2.0        | 1      |
| 62 | 0 | True  | 191.0          | 4.0        | 1      |
|    |   | False | 242.0          | 4.0        | 1      |
|    |   |       | 255.0          | 3.0        | 1      |
|    |   |       | 300.0          | 4.0        | 1      |
|    |   |       | 304.0<br>317.0 | 3.0<br>2.0 | 1<br>1 |
|    |   |       | 320.0          | 2.0        | 1      |
|    |   |       | 325.0          | 3.0        | 1      |
|    |   |       | 328.0          | 1.0        | 1      |
|    |   |       | 339.0          | 3.0        | 1      |
|    |   |       | 340.0          | 3.0        | 1      |
|    |   |       | 341.0          | 4.0        | 1      |

|   |     |   |               | 345.0          | 2.0        | 1      |
|---|-----|---|---------------|----------------|------------|--------|
|   |     |   |               | 347.0          | 4.0        | 1      |
|   |     |   |               | 373.0          | 3.0        | 1      |
|   |     |   |               | 380.0<br>432.0 | 3.0<br>2.0 | 1<br>1 |
|   |     |   |               | 710.0          | 4.0        | 1      |
|   | 63  | 0 | False         | 407.0          | 4.0        | 1      |
|   |     |   |               | 448.0          | 4.0        | 1      |
|   | 65  | 0 | False         | 447.0          | 4.0        | 1      |
|   | 64  | 0 | False         | 371.0          | 4.0        | 1      |
|   |     |   |               | 391.0          | 4.0        | 1      |
|   |     |   | Truo          | 958.0          | 1.0<br>4.0 | 1<br>1 |
|   |     | 1 | True<br>False | 195.0<br>316.0 | 2.0        | 1      |
|   |     | _ | True          | 355.0          | 2.0        | 1      |
|   | 65  | 0 | False         | 120.0          | 2.0        | 1      |
|   |     |   |               |                | 4.0        | 1      |
|   |     |   |               | 193.0          | 2.0        | 1      |
|   |     |   |               | 198.0          | 3.0        | 1      |
|   |     |   |               | 218.0<br>240.0 | 3.0<br>2.0 | 1<br>1 |
|   |     |   |               | 296.0          | 4.0        | 1      |
|   |     |   |               | 343.0          | 2.0        | 1      |
|   |     |   |               | 344.0          | 4.0        | 1      |
|   |     |   |               | 347.0          | 4.0        | 1      |
|   |     |   |               | 396.0          | 3.0        | 1      |
|   | 64  | 0 | Falco         | 397.0<br>383.0 | 1.0<br>2.0 | 1<br>1 |
|   | 04  | U | False         | 361.0          | 4.0        | 1      |
|   | 63  | 0 | False         | 497.0          | 2.0        | 1      |
|   | 64  | 0 | False         | 357.0          | 3.0        | 1      |
|   | 63  | 0 | False         | 524.0          | 2.0        | 1      |
|   |     |   | True          | 304.0          | 3.0        | 1      |
|   | 0.4 | 1 | False         | 212.0          | 4.0        | 1      |
|   | 64  | 0 | False         | 120.0          | 2.0<br>3.0 | 1<br>1 |
|   |     |   |               | 127.0          | 1.0        | 1      |
|   |     |   |               | 143.0          | 4.0        | 1      |
|   |     |   |               | 151.0          | 4.0        | 1      |
|   |     |   |               | 159.0          | 2.0        | 1      |
|   |     |   |               | 171.0          | 4.0        | 1      |
|   |     |   |               | 181.0          | 2.0<br>4.0 | 1<br>1 |
|   |     |   |               | 231.0          | 3.0        | 1      |
|   |     |   |               | 275.0          | 3.0        | 1      |
|   |     |   |               | 312.0          | 3.0        | 1      |
|   |     |   |               | 345.0          | 2.0        | 1      |
|   |     |   | _ 1           | 353.0          | 2.0        | 1      |
| С | 78  | 0 | False         | 409.0          | 2.0        | 1      |
|   |     |   |               | 357.0<br>400.0 | 2.0        | 1<br>1 |
|   | 53  | 1 | False         | 257.0          | 2.0        | 1      |
|   | 54  | 0 | False         | 120.0          | 2.0        | 1      |
|   |     |   |               | 138.0          | 4.0        | 1      |
|   |     |   |               | 170.0          | 3.0        | 1      |
|   |     |   |               | 200.0          | 4.0        | 1      |
|   |     |   |               | 205.0<br>233.0 | 3.0<br>1.0 | 1<br>1 |
|   |     |   |               | 245.0          | 2.0        | 1      |
|   |     |   |               | 252.0          | 4.0        | 1      |
|   |     |   |               | 261.0          | 3.0        | 1      |
|   |     |   |               | 262.0          | 4.0        | 1      |
|   |     |   |               | 266.0          | 2.0        | 1      |
|   |     |   |               | 276.0          | 4.0        | 1      |
|   |     |   |               | 290.0          | 3.0<br>4.0 | 1<br>1 |
|   |     |   |               |                | 7.0        |        |

|    |   |       | 291.0          | 4.0        | 1      |
|----|---|-------|----------------|------------|--------|
|    |   |       | 298.0          | 3.0        | 1      |
|    |   |       | 303.0          | 4.0        | 1      |
| 53 | 1 | False | 361.0          | 4.0        | 1      |
|    | 0 | True  | 339.0          | 2.0        | 1      |
| 54 | 0 | False | 311.0          | 4.0        | 1      |
| 53 | 0 | True  | 324.0          | 4.0        | 1      |
|    |   | False | 183.0          | 3.0        | 1      |
|    |   |       | 190.0          | 4.0        | 1      |
|    |   |       | 223.0<br>237.0 | 4.0<br>4.0 | 1<br>1 |
|    |   |       | 253.0          | 3.0        | 1      |
|    |   |       | 285.0          | 4.0        | 1      |
|    |   |       | 301.0          | 3.0        | _<br>1 |
|    |   |       | 303.0          | 4.0        | 1      |
|    |   |       | 312.0          | 2.0        | 1      |
|    |   |       | 346.0          | 4.0        | 1      |
|    |   |       | 347.0          | 3.0        | 1      |
|    |   |       | 351.0          | 4.0        | 1      |
|    |   |       | 354.0<br>417.0 | 4.0        | 1      |
|    |   |       | 434.0          | 2.0<br>4.0 | 1<br>1 |
|    |   |       | 638.0          | 4.0        | 1      |
|    |   |       | 713.0          | 4.0        | 1      |
| 54 | 0 | False | 308.0          | 1.0        | 1      |
|    |   |       | 315.0          | 4.0        | 1      |
| 55 | 0 | False | 367.0          | 4.0        | 1      |
|    |   |       | 154.0          | 4.0        | 1      |
|    |   |       | 179.0          | 4.0        | 1      |
|    |   |       | 202.0          | 4.0        | 1      |
|    |   |       | 237.0<br>258.0 | 4.0<br>2.0 | 1<br>1 |
|    |   |       | 263.0          | 3.0        | 1      |
|    |   |       | 271.0          | 4.0        | _<br>1 |
|    |   |       | 298.0          | 3.0        | 1      |
|    |   |       | 302.0          | 3.0        | 1      |
|    |   |       | 322.0          | 3.0        | 1      |
|    |   |       | 324.0          | 3.0        | 1      |
|    |   |       | 327.0          | 4.0        | 1      |
|    |   |       | 331.0<br>335.0 | 4.0<br>2.0 | 1<br>1 |
|    |   |       | 345.0          | 4.0        | 1      |
|    |   |       | 354.0          | 3.0        | 1      |
|    |   |       | 357.0          | 4.0        | 1      |
|    |   |       | 361.0          | 4.0        | 1      |
|    |   |       | 178.0          | 4.0        | 1      |
|    |   | _     | 126.0          | 4.0        | 1      |
| 54 | 0 | False | 319.0          | 4.0        | 1      |
|    | 1 | True  | 283.0          | 4.0        | 1      |
|    | 0 | False | 328.0<br>332.0 | 4.0<br>1.0 | 1<br>1 |
|    |   |       | 343.0          | 2.0        | 1      |
|    |   |       | 349.0          | 2.0        | 1      |
|    |   |       | 351.0          | 3.0        | 1      |
|    |   |       | 352.0          | 4.0        | 1      |
|    |   |       | 359.0          | 4.0        | 1      |
|    |   |       | 367.0          | 2.0        | 1      |
|    |   |       | 383.0          | 4.0        | 1      |
|    |   |       | 390.0          | 4.0        | 1      |
|    |   |       | 412.0<br>433.0 | 4.0<br>4.0 | 1<br>1 |
|    |   |       | 676.0          | 4.0        | 1      |
|    |   |       | 1508.0         | 4.0        | 1      |
|    |   | True  | 120.0          | 2.0        | 1      |
|    | 1 | False | 120.0          | 3.0        | 1      |
|    |   |       | 328.0          | 4.0        | 1      |

| 53 | 0 | False  | 173.0          | 4.0        | 1      |
|----|---|--------|----------------|------------|--------|
| 00 | Ü | 1 4130 | 142.0          | 2.0        | 1      |
|    |   |        | 135.0          | 4.0        | 1      |
| 50 | 0 | False  | 537.0          | 4.0        | 1      |
|    |   | True   | 170.0          | 4.0        | 1      |
|    |   |        | 288.0          | 4.0        | 1      |
|    |   |        | 346.0          | 4.0        | 1      |
|    |   |        | 375.0          | 4.0        | 1      |
|    | 1 | False  | 338.0          | 4.0        | 1      |
|    |   |        | 546.0          | 3.0        | 1      |
| 51 | 0 | False  | 120.0          | 3.0        | 1      |
|    |   |        | 129.0          | 2.0        | 1      |
|    |   |        | 196.0          | 4.0        | 1      |
|    |   |        | 198.0          | 4.0        | 1      |
|    |   |        | 251.0          | 4.0        | 1      |
|    |   |        | 264.0          | 4.0        | 1      |
|    |   |        | 291.0          | 4.0        | 1      |
|    |   |        | 293.0          | 3.0        | 1      |
|    |   |        | 297.0          | 4.0        | 1      |
|    |   |        | 302.0          | 4.0        | 1      |
|    |   |        | 309.0          | 3.0        | 1      |
| 50 | 0 | True   | 130.0          | 3.0        | 1      |
|    |   | False  | 426.0          | 4.0        | 1      |
| 53 | 0 | False  | 120.0          | 3.0        | 1      |
| 50 | Θ | False  | 419.0          | 4.0        | 1      |
|    |   |        | 236.0          | 4.0        | 1      |
|    |   |        | 243.0          | 4.0        | 1      |
|    |   |        | 253.0          | 2.0        | 1      |
|    |   |        | 267.0          | 3.0        | 1      |
|    |   |        | 279.0          | 3.0        | 1      |
|    |   |        | 290.0          | 4.0        | 1      |
|    |   |        | 306.0          | 2.0        | 1      |
|    |   |        | 309.0          | 4.0        | 1      |
|    |   |        | 321.0          | 3.0        | 1      |
|    |   |        | 322.0<br>336.0 | 2.0<br>4.0 | 1<br>1 |
|    |   |        | 341.0          | 4.0        | 1      |
|    |   |        | 351.0          | 2.0        | 1      |
|    |   |        | 360.0          | 3.0        | 1      |
|    |   |        | 364.0          | 3.0        | 1      |
|    |   |        | 399.0          | 3.0        | 1      |
|    |   |        | 400.0          | 3.0        | 1      |
| 51 | 0 | False  | 328.0          | 4.0        | 1      |
|    |   |        | 346.0          | 2.0        | 1      |
|    |   |        | 355.0          | 4.0        | 1      |
|    |   |        | 363.0          | 4.0        | 1      |
| 52 | 0 | False  | 323.0          | 4.0        | 1      |
|    |   |        | 340.0          | 3.0        | 1      |
|    |   |        | 364.0          | 2.0        | 1      |
|    |   |        | 375.0          | 3.0        | 1      |
|    |   |        | 535.0          | 3.0        | 1      |
|    |   | True   | 326.0          | 4.0        | 1      |
|    |   |        | 327.0          | 4.0        | 1      |
|    |   |        | 405.0          | 4.0        | 1      |
|    | 1 | False  | 151.0          | 2.0        | 1      |
|    |   |        | 181.0          | 2.0        | 1      |
|    |   |        | 200.0          | 3.0        | 1      |
|    |   |        | 251.0          | 4.0        | 1      |
|    |   |        | 308.0          | 2.0        | 1      |
|    |   |        | 336.0          | 4.0        | 1      |
|    |   |        | 341.0          | 4.0        | 1      |
|    |   |        | 401.0          | 4.0        | 1      |
|    | Θ | False  | 438.0<br>308.0 | 2.0<br>4.0 | 1<br>1 |
|    | U | 1-0T2C | 290.0          | 2.0        | 1      |
|    |   |        | 283.0          | 3.0        | 1      |
|    |   |        | 20010          | 5.0        | _      |

|    |        |        | 126.0          | 3.0 | 1 |
|----|--------|--------|----------------|-----|---|
| 51 | 0      | False  | 378.0          | 4.0 | 1 |
| -  |        | . 4200 | 386.0          | 4.0 | 1 |
|    |        |        | 414.0          | 1.0 | 1 |
|    |        |        | 463.0          | 2.0 | 1 |
|    |        | True   | 304.0          | 4.0 | 1 |
|    |        | 11 40  | 383.0          | 4.0 | 1 |
| 52 | 0      | False  | 120.0          | 4.0 | 1 |
| 02 | Ü      | 1 4130 | 136.0          | 4.0 | 1 |
|    |        |        | 252.0          | 2.0 | 1 |
|    |        |        | 163.0          | 2.0 | 1 |
|    |        |        | 199.0          | 4.0 | 1 |
|    |        |        | 200.0          | 4.0 | 1 |
|    |        |        | 206.0          | 2.0 | 1 |
|    |        |        | 236.0          | 4.0 | 1 |
|    |        |        | 244.0          | 2.0 | 1 |
|    |        |        | 250.0          | 4.0 | 1 |
| 55 | 0      | False  | 365.0          | 4.0 | 1 |
| 55 | U      | raise  | 386.0          | 3.0 | 1 |
| 60 | 0      | False  | 296.0          | 4.0 | 1 |
|    | 0<br>0 | False  | 315.0          | 2.0 | 1 |
| 58 | U      | raise  |                |     |   |
|    |        |        | 325.0<br>334.0 | 2.0 | 1 |
|    |        |        |                | 2.0 | 1 |
|    |        |        | 335.0          | 2.0 | 1 |
|    |        |        | 342.0          | 4.0 | 1 |
|    |        |        | 355.0          | 1.0 | 1 |
|    |        |        | 371.0          | 4.0 | 1 |
|    |        |        | 372.0          | 4.0 | 1 |
|    |        |        | 373.0          | 4.0 | 1 |
|    |        |        | 375.0          | 4.0 | 1 |
|    |        |        | 604.0          | 3.0 | 1 |
|    |        | True   | 120.0          | 2.0 | 1 |
|    |        |        | 293.0          | 4.0 | 1 |
|    |        |        | 363.0          | 2.0 | 1 |
|    |        |        | 366.0          | 4.0 | 1 |
|    | 1      | False  | 306.0          | 2.0 | 1 |
|    |        |        | 332.0          | 4.0 | 1 |
|    |        |        | 363.0          | 2.0 | 1 |
|    | 0      | False  | 320.0          | 4.0 | 1 |
|    |        | _      | 307.0          | 4.0 | 1 |
| 59 | 0      | False  | 137.0          | 4.0 | 1 |
| 58 | 0      | False  | 297.0          | 4.0 | 1 |
| 57 | 1      | False  | 452.0          | 4.0 | 1 |
|    |        | True   | 120.0          | 2.0 | 1 |
|    |        |        | 378.0          | 4.0 | 1 |
| 58 | 0      | False  | 120.0          | 3.0 | 1 |
|    |        |        |                | 4.0 | 1 |
|    |        |        | 123.0          | 4.0 | 1 |
|    |        |        | 137.0          | 4.0 | 1 |
|    |        |        | 183.0          | 4.0 | 1 |
|    |        |        | 186.0          | 2.0 | 1 |
|    |        |        | 190.0          | 2.0 | 1 |
|    |        |        | 193.0          | 2.0 | 1 |
|    |        |        | 208.0          | 3.0 | 1 |
|    |        |        | 255.0          | 4.0 | 1 |
|    |        |        | 260.0          | 2.0 | 1 |
|    |        |        | 280.0          | 2.0 | 1 |
|    |        |        | 286.0          | 4.0 | 1 |
|    |        |        | 295.0          | 3.0 | 1 |
|    | 1      | False  | 604.0          | 4.0 | 1 |
| 59 | 0      | False  | 169.0          | 4.0 | 1 |
| 55 | 0      | False  | 389.0          | 3.0 | 1 |
| 59 | 0      | True   | 242.0          | 1.0 | 1 |
|    |        |        | 294.0          | 4.0 | 1 |
|    |        |        | 335.0          | 2.0 | 1 |
|    |        |        | 340.0          | 3.0 | 1 |
|    |        |        |                |     |   |

|    |   |                | 370.0          | 3.0        | 1      |
|----|---|----------------|----------------|------------|--------|
|    |   |                | 411.0          | 4.0        | 1      |
|    | 1 | False          | 352.0          | 2.0        | 1      |
|    |   |                | 371.0          | 4.0        | 1      |
|    |   | True           | 257.0          | 2.0        | 1      |
|    |   |                | 436.0          | 4.0        | 1      |
| 60 | 0 | False          | 120.0          | 4.0        | 1      |
|    |   |                | 125.0          | 4.0        | 1      |
|    |   |                | 128.0          | 4.0        | 1      |
|    |   |                | 145.0          | 2.0        | 1      |
|    |   |                | 147.0          | 4.0        | 1      |
|    |   |                | 163.0          | 3.0        | 1      |
|    |   |                | 176.0<br>234.0 | 4.0<br>4.0 | 1<br>1 |
| 59 | 0 | True           | 273.0          | 4.0        | 1      |
| 33 | U | True           | 134.0          | 1.0        | 1      |
|    |   | False          | 217.0          | 3.0        | 1      |
|    |   | . 0.200        | 550.0          | 4.0        | 1      |
|    |   |                | 218.0          | 4.0        | 1      |
|    |   |                | 234.0          | 4.0        | 1      |
|    |   |                | 290.0          | 3.0        | 1      |
|    |   |                | 292.0          | 4.0        | 1      |
|    |   |                | 299.0          | 3.0        | 1      |
|    |   |                | 305.0          | 4.0        | 1      |
|    |   |                | 313.0          | 4.0        | 1      |
|    |   |                | 314.0          | 3.0        | 1      |
|    |   |                | 317.0          | 4.0        | 1      |
|    |   |                | 319.0          | 2.0        | 1      |
|    |   |                | 339.0          | 4.0        | 1      |
|    |   |                | 348.0          | 4.0        | 1      |
|    |   |                | 376.0          | 3.0        | 1      |
|    |   |                | 387.0<br>389.0 | 3.0<br>4.0 | 1<br>1 |
|    |   |                | 412.0          | 3.0        | 1      |
|    |   |                | 442.0          | 3.0        | 1      |
| 57 | 1 | False          | 400.0          | 3.0        | 1      |
| 01 | _ | , arsc         | 330.0          | 4.0        | 1      |
|    |   |                | 328.0          | 4.0        | 1      |
| 56 | 0 | False          | 223.0          | 3.0        | 1      |
|    |   |                | 239.0          | 2.0        | 1      |
|    |   |                | 241.0          | 4.0        | 1      |
|    |   |                | 248.0          | 1.0        | 1      |
|    |   |                |                | 3.0        | 1      |
|    |   |                | 250.0          | 4.0        | 1      |
|    |   |                | 263.0          | 2.0        | 1      |
|    |   |                | 275.0          | 4.0        | 1      |
|    |   |                | 282.0          | 2.0        | 1      |
|    |   |                | 295.0          | 4.0        | 1      |
|    |   |                | 296.0<br>315.0 | 4.0<br>4.0 | 1<br>1 |
|    |   |                | 318.0          | 3.0        | 1      |
|    |   |                | 328.0          | 4.0        | 1      |
|    |   |                | 331.0          | 4.0        | 1      |
|    |   |                | 333.0          | 4.0        | 1      |
|    |   |                | 341.0          | 3.0        | 1      |
|    |   |                | 350.0          | 4.0        | 1      |
|    |   |                | 232.0          | 3.0        | 1      |
|    |   |                | 219.0          | 1.0        | 1      |
| 57 | 1 | False          | 164.0          | 4.0        | 1      |
| 56 | 0 | False          | 216.0          | 4.0        | 1      |
| 55 | 0 | False          | 460.0          | 2.0        | 1      |
|    |   |                | 476.0          | 3.0        | 1      |
|    |   |                | 658.0          | 4.0        | 1      |
|    |   | <del>-</del> - | 724.0          | 4.0        | 1      |
|    | _ | True           | 176.0          | 1.0        | 1      |
|    | 1 | False          | 152.0          | 4.0        | 1      |

|    |   |        | 212.0          | 4.0        | 1      |
|----|---|--------|----------------|------------|--------|
|    |   |        | 341.0          | 4.0        | 1      |
|    |   | True   | 392.0          | 4.0        | 1      |
| 56 | 0 | False  | 121.0          | 4.0        | 1      |
|    |   |        | 125.0          | 4.0        | 1      |
|    |   |        | 133.0          | 4.0        | 1      |
|    |   |        | 148.0          | 1.0        | 1      |
|    |   |        | 156.0          | 4.0        | 1      |
|    |   |        | 172.0          | 2.0        | 1      |
|    |   |        | 198.0          | 2.0        | 1      |
|    |   |        | 215.0          | 4.0        | 1      |
|    |   |        | 359.0          | 4.0        | 1      |
|    |   |        | 360.0          | 4.0        | 1      |
|    |   |        | 372.0          | 1.0        | 1      |
|    | 0 | E-1    | 382.0          | 2.0        | 1      |
| 57 | 0 | False  | 250.0          | 3.0        | 1      |
|    |   |        | 276.0          | 3.0        | 1<br>1 |
|    |   |        | 280.0<br>281.0 | 4.0<br>4.0 | 1      |
|    |   |        | 289.0          | 2.0        | 1      |
|    |   |        | 294.0          | 2.0        | 1      |
|    |   |        | 298.0          | 4.0        | 1      |
|    |   |        | 299.0          | 2.0        | 1      |
|    |   |        | 318.0          | 4.0        | 1      |
|    |   |        | 321.0          | 3.0        | 1      |
|    |   |        | 322.0          | 2.0        | 1      |
|    |   |        | 339.0          | 4.0        | 1      |
|    |   |        | 353.0          | 4.0        | 1      |
|    |   |        | 358.0          | 4.0        | 1      |
|    |   |        | 390.0          | 4.0        | 1      |
|    |   | _      | 398.0          | 4.0        | 1      |
|    |   | True   | 131.0          | 3.0        | 1      |
|    |   | False  | 235.0          | 4.0        | 1      |
|    |   |        | 227.0<br>226.0 | 2.0        | 1      |
| 56 | 1 | False  | 301.0          | 4.0<br>4.0 | 1<br>1 |
| 30 | 0 | False  | 391.0          | 4.0        | 1      |
|    | O | 1 4130 | 398.0          | 4.0        | 1      |
|    |   | True   | 151.0          | 4.0        | 1      |
|    |   |        | 162.0          | 3.0        | 1      |
|    |   |        | 320.0          | 4.0        | 1      |
|    |   |        | 323.0          | 4.0        | 1      |
|    | 1 | False  | 184.0          | 4.0        | 1      |
|    |   |        | 315.0          | 4.0        | 1      |
| 57 | 0 | False  | 217.0          | 3.0        | 1      |
| 56 | 1 | False  | 369.0          | 4.0        | 1      |
|    |   |        | 540.0          | 4.0        | 1      |
| 57 | 0 | False  | 160.0          | 3.0        | 1      |
|    |   |        | 161.0          | 4.0<br>4.0 | 1      |
|    |   |        | 170.0<br>194.0 | 4.0        | 1<br>1 |
|    |   |        | 213.0          | 4.0        | 1      |
| 50 | 0 | False  | 234.0          | 2.0        | 1      |
| 00 | O | 1 4130 | 219.0          | 2.0        | 1      |
|    |   |        | 183.0          | 4.0        | 1      |
| 40 | 0 | False  | 350.0          | 4.0        | 1      |
|    |   |        | 392.0          | 3.0        | 1      |
|    |   |        | 448.0          | 3.0        | 1      |
|    |   | True   | 120.0          | 3.0        | 1      |
|    | 1 | False  | 308.0          | 2.0        | 1      |
|    |   |        | 319.0          | 2.0        | 1      |
|    |   |        | 478.0          | 4.0        | 1      |
| 41 | 0 | False  | 120.0          | 3.0        | 1      |
|    |   |        | 223.0          | 4.0        | 1      |
|    |   |        | 235.0          | 4.0        | 1      |
|    |   |        | 241.0          | 4.0        | 1      |

|    |        |               | 296.0          | 3.0        | 1      |
|----|--------|---------------|----------------|------------|--------|
|    |        |               | 329.0          | 4.0        | 1      |
|    |        |               | 347.0          | 2.0        | 1      |
|    |        |               | 348.0          | 2.0        | 1      |
|    |        |               | 363.0          | 4.0        | 1      |
|    |        |               | 364.0          | 3.0        | 1      |
|    |        |               | 371.0          | 2.0        | 1      |
| 40 | 0      | False         | 358.0          | 4.0        | 1      |
|    |        |               | 350.0          | 3.0        | 1      |
| 41 | 0      | False         | 386.0          | 4.0        | 1      |
| 40 | 0      | False         | 302.0          | 2.0        | 1      |
| 38 | 0      | True          | 277.0          | 2.0        | 1      |
|    |        |               | 353.0          | 3.0        | 1      |
| 39 | 0      | False         | 120.0          | 4.0        | 1      |
|    |        |               | 196.0          | 4.0        | 1      |
|    |        |               | 208.0          | 4.0        | 1      |
|    |        |               | 212.0          | 3.0        | 1      |
|    |        |               | 291.0          | 3.0        | 1      |
|    |        |               | 312.0          | 4.0        | 1      |
|    |        |               | 324.0          | 2.0        | 1      |
|    | 1      | False         | 343.0<br>305.0 | 4.0<br>4.0 | 1<br>1 |
|    | Т.     | raise         | 381.0          | 3.0        | 1      |
| 40 | 0      | False         | 129.0          | 4.0        | 1      |
| 40 | O      | raisc         | 188.0          | 1.0        | 1      |
|    |        |               | 204.0          | 3.0        | 1      |
|    |        |               | 256.0          | 1.0        | 1      |
|    |        |               | 299.0          | 4.0        | 1      |
| 41 | 0      | False         | 376.0          | 4.0        | 1      |
|    |        |               | 1480.0         | 2.0        | 1      |
| 50 | 0      | False         | 139.0          | 4.0        | 1      |
| 42 | 0      | True          | 302.0          | 4.0        | 1      |
| 43 | 0      | False         | 220.0          | 4.0        | 1      |
|    |        |               | 277.0          | 2.0        | 1      |
|    |        |               | 292.0          | 4.0        | 1      |
|    |        |               | 340.0          | 3.0        | 1<br>1 |
|    |        |               | 347.0<br>350.0 | 4.0<br>4.0 | 1      |
|    |        |               | 356.0          | 4.0        | 1      |
|    |        |               | 368.0          | 2.0        | 1      |
|    |        |               | 384.0          | 1.0        | 1      |
|    |        |               | 393.0          | 4.0        | 1      |
|    |        |               | 396.0          | 4.0        | 1      |
|    |        |               | 426.0          | 3.0        | 1      |
|    |        | True          | 375.0          | 3.0        | 1      |
|    |        |               | 570.0          | 4.0        | 1      |
|    | 1      | False         | 216.0          | 1.0        | 1      |
|    |        |               | 321.0          | 4.0        | 1      |
| 40 | 4      | <b>F</b> oloo | 497.0          | 2.0        | 1      |
| 42 | 1      | False         | 373.0          | 3.0        | 1      |
| 41 | 0<br>0 | False<br>True | 578.0<br>120.0 | 2.0<br>3.0 | 1<br>1 |
| 42 | 0      | False         | 574.0          | 1.0        | 1      |
| 41 | 0      | True          | 240.0          | 4.0        | 1      |
| 71 | 1      | False         | 313.0          | 4.0        | 1      |
| 42 | 0      | False         | 120.0          | 4.0        | 1      |
|    |        |               | 208.0          | 3.0        | 1      |
|    |        |               | 215.0          | 3.0        | 1      |
|    |        |               | 260.0          | 1.0        | 1      |
|    |        |               | 263.0          | 2.0        | 1      |
|    |        |               | 270.0          | 2.0        | 1      |
|    |        |               | 303.0          | 3.0        | 1      |
|    |        |               | 306.0          | 4.0        | 1      |
|    |        |               | 322.0          | 3.0        | 1      |
|    |        |               | 324.0          | 2.0        | 1      |
|    |        |               | 378.0          | 1.0        | 1      |

| 1  |    |   |        | 413.0 | 4.0 | 1 |
|--|----|---|--------|-------|-----|---|
| 38         0         False         572.0         4.0         1           38         0         False         572.0         4.0         1           342.0         4.0         1         342.0         4.0         1           31         1         False         236.0         3.0         1           32         0         False         236.0         3.0         1           338.0         4.0         1         356.0         4.0         1           427.0         4.0         1         427.0         4.0         1           427.0         4.0         1         427.0         4.0         1           33         0         False         163.0         2.0         1           34         0         False         163.0         2.0         1           34         0         False         292.0         4.0         1           376.0         2.0         1         337.0         2.0         1           34         0         False         292.0         4.0         1           376.0         2.0         1         1         1         1         1         1  |    |   |        |       |     |   |
| 38       0       False       572.0       4.0       1         342.0       4.0       1         342.0       4.0       1         31       1       False       291.0       2.0       1         32       0       False       236.0       3.0       1         338.0       4.0       1       356.0       4.0       1         356.0       4.0       1       1       560.0       4.0       1         33       0       False       169.0       4.0       1         34       0       False       169.0       4.0       1         34       0       False       163.0       2.0       1         370       2.0       1       337.0       2.0       1         376.0       2.0       1       337.0       2.0       1         376.0       2.0       1       337.0       2.0       1         377.0       2.0       1       337.0       2.0       1         378.0       2.0       1       336.0       3.0       1         32.0       7       74.0       3.0       1       1  |    |   |        |       |     |   |
| 38       0       False       572.0       4.0       1         31       1       False       291.0       2.0       1         32       0       False       236.0       3.0       1         320.0       3.0       1       356.0       4.0       1         356.0       4.0       1       356.0       4.0       1         427.0       4.0       1       1       False       169.0       4.0       1         33       0       False       169.0       4.0       1       1       197.0       2.0       1       197.0       2.0       1       197.0       2.0       1       304.0       4.0       1       324.0       3.0       1       337.0       2.0       1       376.0       2.0       1       1       576.0       2.0       1       337.0       2.0       1       336.0       3.0       1       337.0       2.0       1       320.0       4.0       1       322.0       4.0       1       322.0       4.0       1       322.0       4.0       1       322.0       4.0       1       322.0       4.0       1       322.0       4.0       1       322.0 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>  |    |   |        |       |     |   |
| 342.0  | 38 | 0 | False  |       |     |   |
| 31         1         False         291.0         2.0         1           32         0         False         236.0         3.0         1           338.0         4.0         1         356.0         4.0         1           427.0         4.0         1         427.0         4.0         1           33         0         False         169.0         4.0         1           34         0         False         163.0         2.0         1           304.0         4.0         3.0         1         324.0         3.0         1           376.0         2.0         1         336.0         3.0         1         336.0         1         336.0         1         336.0         1         336.0         1         336.0         1         1         336.0         1         1         336.0         1         1         336.0         1         1         336.0         1         1         336.0         1         1         336.0         1         1         336.0         1         1         348.0         1         1         348.0         1         1         348.0         1         348.0         1         348  |    |   |        | 342.0 |     |   |
| 31         1         False         291.0         2.0         1           32         0         False         236.0         3.0         1           338.0         4.0         1         356.0         4.0         1           427.0         4.0         1         427.0         4.0         1           33         0         False         169.0         4.0         1           34         0         False         163.0         2.0         1           304.0         4.0         3.0         1         324.0         3.0         1           376.0         2.0         1         336.0         3.0         1         336.0         1         336.0         1         336.0         1         336.0         1         336.0         1         1         336.0         1         1         336.0         1         1         336.0         1         1         336.0         1         1         336.0         1         1         336.0         1         1         336.0         1         1         348.0         1         1         348.0         1         1         348.0         1         348.0         1         348  |    |   |        |       |     |   |
| 320.0 3.0 1 338.0 4.0 1 338.0 4.0 1 356.0 4.0 1 427.0 4.0 1 427.0 4.0 1 1 False 169.0 4.0 1 33   | 31 | 1 | False  | 291.0 | 2.0 | 1 |
| 338.0  | 32 | 0 | False  | 236.0 | 3.0 | 1 |
| 356.0  |    |   |        | 320.0 | 3.0 | 1 |
| 1  |    |   |        | 338.0 | 4.0 | 1 |
| 1 False 169.0 4.0 1 33 0 False 163.0 2.0 1 197.0 2.0 1 304.0 4.0 1 324.0 3.0 1 337.0 2.0 1 576.0 2.0 1 306.0 3.0 1 336.0 3.0 1 336.0 3.0 1 336.0 3.0 1 322.0 4.0 1 302.0 4.0 1 302.0 4.0 1 302.0 4.0 1 302.0 4.0 1 302.0 4.0 1 32 0 False 174.0 3.0 1 31 0 True 302.0 2.0 1 31 0 False 319.0 4.0 1 31 0 False 336.0 3.0 1 31 0 False 353.0 4.0 1 26 0 False 433.0 1.0 1 27 0 False 433.0 1.0 1 28 0 False 239.0 1.0 1 29 0 False 239.0 1.0 1 385.0 2.0 |    |   |        | 356.0 | 4.0 | 1 |
| 33   |    |   |        |       |     |   |
| 197.0  |    |   |        |       |     |   |
| 304.0  | 33 | 0 | False  |       |     |   |
| 324.0 3.0 1 337.0 2.0 1 576.0 2.0 1 1336.0 3.0 1 34 0 False 292.0 4.0 1 578.0 2.0 1 578.0  |    |   |        |       |     |   |
| 337.0  |    |   |        |       |     |   |
| 34       0       False       292.0       4.0       1         302.0       4.0       1       302.0       4.0       1         578.0       2.0       1       1       6       1         578.0       2.0       1<  |    |   |        |       |     |   |
| 1336.0 3.0 1  34 0 False 292.0 4.0 1  302.0 4.0 1  578.0 2.0 1  True 324.0 4.0 1  32 0 False 174.0 3.0 1  31 0 True 302.0 2.0 1  38 0 False 319.0 4.0 1  31 0 False 336.0 3.0 1  26 0 False 353.0 4.0 1  27 0 False 433.0 1.0 1  27 0 False 239.0 1.0 1  28 0 False 239.0 1.0 1  True 326.0 4.0 1  29 0 False 255.0 2.0 1  347.0 4.0 1  29 0 False 170.0 3.0 1  30 0 False 135.0 2.0 1  347.0 4.0 1  385.0 2.0 1  347.0 4.0 1  385.0 2.0 1  347.0 4.0 1  385.0 2.0 1  347.0 4.0 1  385.0 2.0 1  347.0 4.0 1  385.0 2.0 1  347.0 4.0 1  385.0 2.0 1  347.0 4.0 1  385.0 2.0 1  347.0 4.0 1  385.0 2.0 1  347.0 4.0 1  385.0 2.0 1  347.0 4.0 1  385.0 2.0 1  347.0 4.0 1  385.0 2.0 1  378.0 2.0 1  379.0 2.0 1  380.0 4.0 1  399.0 4.0 1  370.0 399.0 4.0 1  399.0 4.0 1  399.0 4.0 1  399.0 4.0 1  True 313.0 2.0 1  True 313.0 2.0 1  False 304.0 3.0 1  309.0 4.0 1   |    |   |        |       |     |   |
| 34   |    |   |        |       |     |   |
| 302.0  | 24 | 0 | Falso  |       |     |   |
| True 324.0 4.0 1  32   | 34 | U | raise  |       |     |   |
| True 324.0 4.0 1 32 0 False 174.0 3.0 1 31 0 True 302.0 2.0 1 38 0 False 319.0 4.0 1 31 0 False 336.0 3.0 1 26 0 False 353.0 4.0 1 27 0 False 433.0 1.0 1 28 0 False 239.0 1.0 1 28 0 False 239.0 1.0 1 29 0 False 255.0 2.0 1 347.0 4.0 1 385.0 2.0 1 37 0 False 135.0 2.0 1 385.0 2.0 1 399.0 4.0 1 37 0 False 328.0 4.0 1 38 0 False 335.0 2.0 1 37 0 False 328.0 4.0 1 37 0 False 328.0 4.0 1 38 0 False 335.0 2.0 1 399.0 4.0 1 370 309.0 4.0 1 309.0 4.0 1 309.0 4.0 1 309.0 4.0 1 309.0 4.0 1 309.0 4.0 1 309.0 4.0 1  |    |   |        |       |     |   |
| 32   |    |   | True   |       |     |   |
| 31       0       True       302.0       2.0       1         38       0       False       319.0       4.0       1         31       0       False       336.0       3.0       1         26       0       False       353.0       4.0       1         26       0       False       353.0       4.0       1         27       0       False       433.0       1.0       1         1       False       364.0       4.0       1         28       0       False       239.0       1.0       1         1       False       236.0       4.0       1         29       0       False       255.0       2.0       1         347.0       4.0       1       385.0       2.0       1         369.0       2.0       1       158.0       4.0       1         236.0       2.0       1       273.0       2.0       1         31       0       False       328.0       4.0       1         35       0       False       120.0       2.0       1         193.0       3.0       1       1   | 32 | 0 |        |       |     |   |
| 38       0       False       319.0       4.0       1         31       0       False       336.0       3.0       1         26       0       False       353.0       4.0       1         26       0       False       353.0       4.0       1         27       0       False       433.0       1.0       1         1       False       364.0       4.0       1         28       0       False       239.0       1.0       1         28       0       False       239.0       1.0       1         1       True       326.0       4.0       1         29       0       False       255.0       2.0       1         347.0       4.0       1       385.0       2.0       1         385.0       2.0       1       158.0       4.0       1         236.0       2.0       1       273.0       2.0       1         342.0       4.0       1       1       180.0       4.0       1         35       0       False       120.0       2.0       1         193.0       3.0       1  |    |   |        |       |     |   |
| 31       0       False       336.0       3.0       1         26       0       False       353.0       4.0       1         27       0       False       433.0       1.0       1         1       False       364.0       4.0       1         28       0       False       239.0       1.0       1         29       0       False       236.0       4.0       1         385.0       2.0       1       <  |    |   |        |       |     |   |
| 26  0  False  353.0  4.0  1 27  0  False  433.0  1.0  1 28  0  False  239.0  1.0  1 28  0  False  239.0  1.0  1 29  0  False  255.0  2.0  1 347.0  4.0  1 29  0  False  170.0  3.0  1 30  0  False  135.0  2.0  1 31  0  False  328.0  4.0  1 31  0  False  328.0  4.0  1 35  0  False  328.0  4.0  1 37  0  False  328.0  4.0  1 37  0  False  335.0  2.0  1 37  0  False  335.0  2.0  1 376.0  3.0  1 377.0  2.0  1 376.0  3.0  1 376.0  3.0  1 379.0  4.0  1 376.0  3.0  1 377.0  2.0  1 376.0  3.0  1 377.0  1 |    |   |        |       |     |   |
| 448.0 3.0 1 27 0 False 433.0 1.0 1 28 0 False 239.0 1.0 1 28 0 False 239.0 1.0 1 29 0 False 255.0 2.0 1 29 0 False 255.0 2.0 1 347.0 4.0 1 385.0 2.0 1 30 0 False 135.0 2.0 1 31 False 170.0 3.0 1 326.0 2.0 1 342.0 4.0 1 335 0 False 328.0 4.0 1 35 0 False 120.0 2.0 1 380.0 4.0 1 399.0 4.0 1 37 0 False 335.0 2.0 1 380 0 False 304.0 3.0 1 399.0 4.0 1 399.0 4.0 1   |    |   |        |       |     |   |
| 1 False 364.0 4.0 1 28 0 False 239.0 1.0 1 554.0 4.0 1 True 326.0 4.0 1 29 0 False 255.0 2.0 1 347.0 4.0 1 385.0 2.0 1 1 False 170.0 3.0 1 30 0 False 135.0 2.0 1 273.0 2.0 1 273.0 2.0 1 342.0 4.0 1 342.0 4.0 1 350 False 328.0 4.0 1 350 False 120.0 2.0 1 180.0 4.0 1 193.0 3.0 1 199.0 4.0 1 37 0 False 335.0 2.0 1 365.0 2.0 1 376.0 3.0 1 399.0 4.0 1 True 313.0 2.0 1 399.0 4.0 1 True 313.0 2.0 1 399.0 4.0 1 399.0 4.0 1 399.0 4.0 1 399.0 4.0 1 399.0 4.0 1   |    |   |        | 448.0 | 3.0 | 1 |
| 28   | 27 | 0 | False  | 433.0 | 1.0 | 1 |
| True 326.0 4.0 1  29 0 False 255.0 2.0 1  347.0 4.0 1  385.0 2.0 1  1 False 170.0 3.0 1  30 0 False 135.0 2.0 1  158.0 4.0 1  236.0 2.0 1  158.0 4.0 1  236.0 2.0 1  342.0 4.0 1  31 0 False 328.0 4.0 1  35 0 False 120.0 2.0 1  180.0 4.0 1  193.0 3.0 1  199.0 4.0 1  37 0 False 335.0 2.0 1  365.0 2.0 1  376.0 3.0 1  379.0 30.0 1  True 313.0 2.0 1  True 313.0 2.0 1  399.0 4.0 1  True 313.0 2.0 1  399.0 4.0 1  399.0 4.0 1  399.0 4.0 1  |    | 1 | False  | 364.0 | 4.0 | 1 |
| True 326.0 4.0 1  29 0 False 255.0 2.0 1  347.0 4.0 1  385.0 2.0 1  1 False 170.0 3.0 1  30 0 False 135.0 2.0 1  158.0 4.0 1  236.0 2.0 1  273.0 2.0 1  273.0 2.0 1  342.0 4.0 1  31 0 False 328.0 4.0 1  35 0 False 120.0 2.0 1  180.0 4.0 1  193.0 3.0 1  199.0 4.0 1  37 0 False 335.0 2.0 1  365.0 2.0 1  376.0 3.0 1  376.0 3.0 1  True 313.0 2.0 1  True 313.0 2.0 1  1 False 304.0 3.0 1  309.0 4.0 1  38 0 False 132.0 1.0 1   | 28 | 0 | False  |       |     |   |
| 29  0  False   |    |   |        |       |     |   |
| 347.0 4.0 1 385.0 2.0 1 1 False 170.0 3.0 1 30 0 False 135.0 2.0 1 158.0 4.0 1 236.0 2.0 1 273.0 2.0 1 273.0 2.0 1 342.0 4.0 1 35 0 False 328.0 4.0 1 35 0 False 120.0 2.0 1 180.0 4.0 1 193.0 3.0 1 199.0 4.0 1 37 0 False 335.0 2.0 1 376.0 3.0 1 376.0 3.0 1 376.0 3.0 1 376.0 3.0 1 376.0 3.0 1 376.0 3.0 1 376.0 3.0 1 376.0 3.0 1 376.0 3.0 1 376.0 3.0 1 376.0 3.0 1 376.0 3.0 1 376.0 3.0 1 376.0 3.0 1 376.0 3.0 1 376.0 3.0 1 376.0 3.0 1 376.0 3.0 1 376.0 3.0 1  |    |   |        |       |     |   |
| 385.0 2.0 1 1 False 170.0 3.0 1 30 0 False 135.0 2.0 1 158.0 4.0 1 236.0 2.0 1 273.0 2.0 1 342.0 4.0 1 31 0 False 328.0 4.0 1 35 0 False 120.0 2.0 1 180.0 4.0 1 37 0 False 335.0 2.0 1 376.0 3.0 1  | 29 | 0 | False  |       |     |   |
| 1 False 170.0 3.0 1 30 0 False 135.0 2.0 1 158.0 4.0 1 236.0 2.0 1 273.0 2.0 1 342.0 4.0 1 31 0 False 328.0 4.0 1 35 0 False 120.0 2.0 1 180.0 4.0 1 193.0 3.0 1 199.0 4.0 1 37 0 False 335.0 2.0 1 376.0 3.0 1 376.0 3.0 1 376.0 3.0 1 376.0 3.0 1 379.0 4.0 1 379.0 4.0 1 379.0 4.0 1 379.0 3.0 1 376.0 3.0 1 376.0 3.0 1 376.0 3.0 1 376.0 3.0 1 376.0 3.0 1 376.0 3.0 1 376.0 3.0 1 376.0 3.0 1 376.0 3.0 1 376.0 3.0 1 376.0 3.0 1 376.0 3.0 1 376.0 3.0 1  |    |   |        |       |     |   |
| 30 0 False 135.0 2.0 1 158.0 4.0 1 236.0 2.0 1 273.0 2.0 1 342.0 4.0 1 31 0 False 328.0 4.0 1 35 0 False 120.0 2.0 1 180.0 4.0 1 193.0 3.0 1 199.0 4.0 1 37 0 False 335.0 2.0 1 365.0 2.0 1 376.0 3.0 1 376.0 3.0 1 376.0 3.0 1 379.0 4.0 1 379.0 4.0 1 379.0 50 1 379.0 4.0 1 379.0 3.0 1 379.0 4.0 1 379.0 4.0 1 379.0 4.0 1 379.0 4.0 1 379.0 4.0 1 379.0 4.0 1 379.0 4.0 1 379.0 4.0 1 379.0 4.0 1 379.0 4.0 1   |    | 1 | Ealco  |       |     |   |
| 158.0 4.0 1 236.0 2.0 1 273.0 2.0 1 342.0 4.0 1 31 0 False 328.0 4.0 1 35 0 False 120.0 2.0 1 180.0 4.0 1 193.0 3.0 1 199.0 4.0 1 37 0 False 335.0 2.0 1 365.0 2.0 1 376.0 3.0 1 376.0 3.0 1 376.0 3.0 1 376.0 3.0 1 376.0 3.0 1 379.0 4.0 1 379.0 4.0 1 379.0 30 1 379.0 4.0 1 379.0 4.0 1 379.0 4.0 1 379.0 4.0 1 379.0 4.0 1 379.0 4.0 1 379.0 4.0 1 379.0 4.0 1  | 30 |   |        |       |     |   |
| 236.0 2.0 1 273.0 2.0 1 342.0 4.0 1 31 0 False 328.0 4.0 1 35 0 False 120.0 2.0 1 180.0 4.0 1 193.0 3.0 1 199.0 4.0 1 37 0 False 335.0 2.0 1 365.0 2.0 1 376.0 3.0 1 376.0 3.0 1 True 313.0 2.0 1 True 313.0 2.0 1 1 False 304.0 3.0 1 309.0 4.0 1 38 0 False 132.0 1.0 1  | 50 | O | 1 4130 |       |     |   |
| 273.0 2.0 1 342.0 4.0 1 31 0 False 328.0 4.0 1 35 0 False 120.0 2.0 1 180.0 4.0 1 193.0 3.0 1 199.0 4.0 1 37 0 False 335.0 2.0 1 356.0 4.0 1 365.0 2.0 1 376.0 3.0 1 376.0 3.0 1 379.0 4.0 1 1 False 304.0 3.0 1 309.0 4.0 1 38 0 False 132.0 1.0 1  |    |   |        |       |     |   |
| 342.0 4.0 1 31 0 False 328.0 4.0 1 35 0 False 120.0 2.0 1 180.0 4.0 1 193.0 3.0 1 199.0 4.0 1 37 0 False 335.0 2.0 1 356.0 4.0 1 365.0 2.0 1 376.0 3.0 1 376.0 3.0 1 True 313.0 2.0 1 1 False 304.0 3.0 1 309.0 4.0 1 38 0 False 132.0 1.0 1   |    |   |        |       |     |   |
| 31 0 False 328.0 4.0 1 35 0 False 120.0 2.0 1 180.0 4.0 1 193.0 3.0 1 199.0 4.0 1 37 0 False 335.0 2.0 1 356.0 4.0 1 365.0 2.0 1 376.0 3.0 1 379.0 4.0 1 True 313.0 2.0 1 1 False 304.0 3.0 1 309.0 4.0 1 38 0 False 132.0 1.0 1   |    |   |        |       |     |   |
| 35 0 False 120.0 2.0 1 180.0 4.0 1 193.0 3.0 1 199.0 4.0 1 37 0 False 335.0 2.0 1 356.0 4.0 1 365.0 2.0 1 376.0 3.0 1 379.0 4.0 1 True 313.0 2.0 1 1 False 304.0 3.0 1 309.0 4.0 1 38 0 False 132.0 1.0 1  | 31 | 0 | False  | 328.0 |     |   |
| 193.0 3.0 1 199.0 4.0 1 37 0 False 335.0 2.0 1 356.0 4.0 1 365.0 2.0 1 376.0 3.0 1 379.0 4.0 1 True 313.0 2.0 1 1 False 304.0 3.0 1 309.0 4.0 1 38 0 False 132.0 1.0 1   | 35 | 0 |        | 120.0 | 2.0 |   |
| 199.0 4.0 1 37 0 False 335.0 2.0 1 356.0 4.0 1 365.0 2.0 1 376.0 3.0 1 399.0 4.0 1 True 313.0 2.0 1 1 False 304.0 3.0 1 309.0 4.0 1 38 0 False 132.0 1.0 1   |    |   |        | 180.0 | 4.0 | 1 |
| 37 0 False 335.0 2.0 1 356.0 4.0 1 365.0 2.0 1 376.0 3.0 1 399.0 4.0 1 True 313.0 2.0 1 1 False 304.0 3.0 1 309.0 4.0 1 38 0 False 132.0 1.0 1   |    |   |        | 193.0 |     |   |
| 356.0 4.0 1 365.0 2.0 1 376.0 3.0 1 379.0 4.0 1 True 313.0 2.0 1 1 False 304.0 3.0 1 309.0 4.0 1 38 0 False 132.0 1.0 1  |    |   |        |       |     |   |
| 365.0 2.0 1 376.0 3.0 1 379.0 4.0 1 True 313.0 2.0 1 1 False 304.0 3.0 1 309.0 4.0 1 38 0 False 132.0 1.0 1  | 37 | 0 | False  |       |     |   |
| 376.0 3.0 1 399.0 4.0 1 True 313.0 2.0 1 1 False 304.0 3.0 1 309.0 4.0 1 38 0 False 132.0 1.0 1  |    |   |        |       |     |   |
| 399.0 4.0 1 True 313.0 2.0 1 1 False 304.0 3.0 1 309.0 4.0 1 38 0 False 132.0 1.0 1  |    |   |        |       |     |   |
| True 313.0 2.0 1 1 False 304.0 3.0 1 309.0 4.0 1 38 0 False 132.0 1.0 1  |    |   |        |       |     |   |
| 1 False 304.0 3.0 1<br>309.0 4.0 1<br>38 0 False 132.0 1.0 1   |    |   | Truo   |       |     |   |
| 309.0 4.0 1<br>38 0 False 132.0 1.0 1  |    | 1 |        |       |     |   |
| 38 0 False 132.0 1.0 1   |    | т | гатов  |       |     |   |
|  | 38 | 0 | False  |       |     |   |
| 220.0  |    | 3 | 1 UISC |       |     |   |
| 226.0 1.0 1  |    |   |        |       |     |   |
| 247.0 2.0 1  |    |   |        |       |     |   |
| 253.0 3.0 1  |    |   |        |       |     |   |
| 274.0 2.0 1  |    |   |        | 274.0 |     |   |
| 286.0 2.0 1  |    |   |        |       |     |   |
| 309.0 3.0 1  |    |   |        | 309.0 | 3.0 | 1 |

|     |   |            | 310.0          | 3.0        | 1      |
|-----|---|------------|----------------|------------|--------|
| 37  | 0 | False      | 322.0          | 1.0        | 1      |
|     |   |            | 300.0          | 4.0        | 1      |
|     |   |            | 249.0          | 4.0        | 1      |
| 36  | 0 | False      | 215.0          | 3.0        | 1      |
| 35  | 0 | False      | 219.0          | 3.0        | 1      |
|     |   |            | 286.0          | 2.0        | 1      |
|     |   |            | 295.0          | 2.0        | 1      |
|     |   |            | 317.0          | 3.0        | 1      |
| 36  | 0 | False      | 120.0          | 3.0        | 1      |
|     |   |            |                | 4.0        | 1      |
|     |   |            | 147.0          | 2.0        | 1      |
|     |   |            | 263.0          | 4.0        | 1      |
| 37  | 0 | False      | 149.0          | 2.0        | 1      |
| 36  | 0 | False      | 285.0          | 4.0        | 1      |
|     |   |            | 353.0          | 2.0        | 1      |
|     |   |            | 355.0          | 3.0        | 1      |
|     |   |            | 382.0<br>385.0 | 4.0<br>4.0 | 1<br>1 |
|     | 1 | False      | 318.0          | 4.0        | 1      |
| 37  | 0 | False      | 142.0          | 4.0        | 1      |
| 43  | 1 | True       | 396.0          | 3.0        | 1      |
| 44  | 0 | False      | 120.0          | 3.0        | 1      |
| • • | Ū | . 4200     | 133.0          | 4.0        | 1      |
| 48  | 0 | False      | 256.0          | 3.0        | 1      |
|     |   |            | 286.0          | 2.0        | 1      |
|     |   |            | 289.0          | 2.0        | 1      |
|     |   |            | 291.0          | 3.0        | 1      |
|     |   |            | 306.0          | 3.0        | 1      |
|     |   |            | 310.0          | 4.0        | 1      |
|     |   |            | 312.0          | 4.0        | 1      |
|     |   |            | 322.0          | 2.0        | 1      |
|     |   |            | 329.0          | 4.0        | 1      |
|     |   |            | 351.0          | 3.0        | 1      |
|     |   |            |                | 4.0        | 1      |
|     |   |            | 361.0          | 2.0        | 1      |
|     |   |            | 369.0          | 4.0        | 1      |
|     |   |            | 390.0          | 3.0        | 1      |
|     |   |            | 409.0          | 2.0        | 1      |
|     |   | Twee       | 439.0          | 4.0        | 1      |
|     |   | True       | 120.0<br>255.0 | 1.0        | 1      |
|     |   | False      | 258.0          | 4.0<br>4.0 | 1<br>1 |
|     |   | raise      | 242.0          | 4.0        | 1      |
| 47  | 0 | False      | 331.0          | 3.0        | 1      |
| 48  | 0 | False      | 210.0          | 3.0        | 1      |
| 47  | 0 | False      | 346.0          | 2.0        | 1      |
|     |   |            | 349.0          | 2.0        | 1      |
|     |   |            | 352.0          | 3.0        | 1      |
|     |   |            | 353.0          | 2.0        | 1      |
|     |   |            |                | 4.0        | 1      |
|     |   |            | 359.0          | 2.0        | 1      |
|     |   |            | 388.0          | 1.0        | 1      |
|     |   |            | 613.0          | 3.0        | 1      |
|     |   |            | 614.0          | 4.0        | 1      |
|     |   | True       | 338.0          | 1.0        | 1      |
|     |   |            | 388.0          | 2.0        | 1      |
|     |   |            | 389.0          | 4.0        | 1      |
|     | 1 | False      | 120.0          | 2.0        | 1      |
|     |   |            | 258.0          | 4.0        | 1      |
|     |   | <b>-</b> - | 370.0          | 4.0        | 1      |
| 40  | 0 | True       | 323.0          | 2.0        | 1      |
| 48  | 0 | False      | 173.0          | 2.0        | 1      |
|     | 1 | False      | 344.0          | 2.0        | 1      |
|     |   |            | 460.0<br>507.0 | 2.0<br>4.0 | 1<br>1 |
|     |   |            | 307.0          | 4.0        | Τ.     |

|          |   | True   | 120.0          | 2.0        | 1      |
|----------|---|--------|----------------|------------|--------|
| 49       | 0 | False  | 338.0          | 3.0        | 1      |
|          |   |        | 345.0          | 4.0        | 1      |
|          |   |        | 347.0          | 4.0        | 1      |
|          |   |        | 348.0          | 4.0        | 1      |
|          |   |        | 358.0          | 4.0        | 1      |
|          |   |        | 413.0          | 4.0        | 1      |
|          |   |        | 423.0          | 2.0        | 1      |
|          |   |        | 490.0          | 3.0        | 1      |
|          |   | Truo   | 531.0          | 1.0        | 1      |
|          |   | True   | 205.0<br>235.0 | 1.0<br>4.0 | 1<br>1 |
|          | 1 | False  | 122.0          | 4.0        | 1      |
|          | _ | 1 4150 | 259.0          | 3.0        | 1      |
|          |   |        | 295.0          | 1.0        | 1      |
|          |   |        | 346.0          | 2.0        | 1      |
| 50       | 0 | False  | 120.0          | 3.0        | 1      |
|          |   |        | 125.0          | 2.0        | 1      |
| 49       | 0 | False  | 336.0          | 4.0        | 1      |
|          |   |        | 316.0          | 4.0        | 1      |
|          |   |        | 312.0          | 4.0        | 1      |
|          |   |        | 189.0          | 4.0        | 1      |
|          |   |        | 120.0          | 2.0        | 1      |
|          |   |        | 122.0          | 4.0<br>1.0 | 1<br>1 |
|          |   |        | 137.0          | 4.0        | 1      |
|          |   |        | 147.0          | 4.0        | 1      |
|          |   |        | 153.0          | 2.0        | 1      |
|          |   |        | 174.0          | 4.0        | 1      |
|          |   |        | 205.0          | 3.0        | 1      |
|          |   |        | 308.0          | 2.0        | 1      |
|          |   |        | 213.0          | 4.0        | 1      |
|          |   |        | 217.0          | 1.0        | 1      |
|          |   |        | 222.0          | 3.0        | 1      |
|          |   |        | 235.0          | 3.0        | 1      |
|          |   |        | 238.0          | 3.0        | 1      |
|          |   |        | 268.0<br>298.0 | 4.0<br>2.0 | 1      |
| 47       | 0 | False  | 337.0          | 4.0        | 1<br>1 |
| 71       | U | 1 4130 | 328.0          | 3.0        | 1      |
| 44       | 0 | False  | 134.0          | 4.0        | 1      |
|          |   |        | 400.0          | 3.0        | 1      |
|          |   | True   | 166.0          | 4.0        | 1      |
|          |   |        | 194.0          | 2.0        | 1      |
|          |   |        | 381.0          | 2.0        | 1      |
|          | 1 | False  | 127.0          | 3.0        | 1      |
|          |   |        | 242.0          | 1.0        | 1      |
|          |   |        | 358.0          | 4.0        | 1      |
|          |   |        | 362.0          | 4.0<br>4.0 | 1      |
|          |   |        | 526.0<br>722.0 | 4.0        | 1<br>1 |
| 45       | 0 | False  | 204.0          | 4.0        | 1      |
| 73       | Ü | 1 4150 | 263.0          | 4.0        | 1      |
|          |   |        | 273.0          | 3.0        | 1      |
|          |   |        | 281.0          | 3.0        | 1      |
|          |   |        | 298.0          | 2.0        | 1      |
|          |   |        | 303.0          | 2.0        | 1      |
|          |   |        | 311.0          | 2.0        | 1      |
|          | _ |        | 334.0          | 4.0        | 1      |
| 44       | 0 | False  | 560.0          | 4.0        | 1      |
| 47       | 0 | Folor  | 384.0          | 2.0        | 1      |
| 47<br>44 | 0 | False  | 323.0          | 4.0        | 1      |
| 44       | 0 | False  | 379.0<br>148.0 | 4.0<br>3.0 | 1<br>1 |
|          |   |        | 192.0          | 3.0        | 1      |
|          |   |        | 248.0          | 2.0        | 1      |
|          |   |        | 5.5            |            |        |

|    |        |                |                | 4.0        | 1      |
|----|--------|----------------|----------------|------------|--------|
|    |        |                | 258.0          | 1.0        | 1      |
|    |        |                | 266.0          | 2.0        | 1      |
|    |        |                | 268.0          | 2.0        | 1      |
|    |        |                | 293.0          | 2.0        | 1      |
|    |        |                | 301.0          | 4.0        | 1      |
|    |        |                | 306.0          | 3.0        | 1      |
|    |        |                | 307.0          | 4.0        | 1      |
|    |        |                | 316.0          | 2.0        | 1      |
|    |        |                | 321.0<br>324.0 | 4.0        | 1<br>1 |
|    |        |                | 330.0          | 3.0<br>4.0 | 1      |
|    |        |                | 339.0          | 1.0        | 1      |
|    |        |                | 372.0          | 4.0        | 1      |
| 45 | 0      | False          | 345.0          | 3.0        | 1      |
|    |        |                | 352.0          | 2.0        | 1      |
|    |        |                | 374.0          | 2.0        | 1      |
|    |        |                | 393.0          | 4.0        | 1      |
| 46 | 0      | False          | 328.0          | 4.0        | 1      |
|    |        |                | 331.0          | 4.0        | 1      |
|    |        |                | 358.0          | 4.0        | 1      |
|    |        | _              | 372.0          | 4.0        | 1      |
|    |        | True           | 289.0          | 2.0        | 1      |
|    | 4      | F0100          | 743.0          | 3.0        | 1      |
| 47 | 1<br>0 | False<br>False | 345.0<br>120.0 | 4.0<br>2.0 | 1<br>1 |
| 47 | U      | raise          | 120.0          | 4.0        | 1      |
|    |        |                | 124.0          | 4.0        | 1      |
|    |        |                | 172.0          | 4.0        | 1      |
|    |        |                | 209.0          | 4.0        | 1      |
|    |        |                | 232.0          | 3.0        | 1      |
|    |        |                | 257.0          | 2.0        | 1      |
|    |        |                | 306.0          | 4.0        | 1      |
|    |        |                | 316.0          | 3.0        | 1      |
|    |        |                | 323.0          | 1.0        | 1      |
| 46 | 0      | False          | 325.0          | 3.0        | 1      |
|    |        |                | 315.0          | 3.0        | 1      |
|    |        |                | 308.0          | 1.0<br>4.0 | 1      |
| 45 | 0      | False          | 120.0<br>397.0 | 2.0        | 1<br>1 |
| 45 | O      | raise          | 400.0          | 2.0        | 1      |
|    |        |                | 404.0          | 4.0        | 1      |
|    |        | True           | 343.0          | 3.0        | 1      |
|    | 1      | False          | 297.0          | 4.0        | 1      |
|    |        |                | 343.0          | 2.0        | 1      |
| 46 | 0      | False          | 120.0          | 1.0        | 1      |
|    |        |                | 159.0          | 2.0        | 1      |
|    |        |                | 307.0          | 4.0        | 1      |
|    |        |                | 185.0          | 4.0        | 1      |
|    |        |                | 211.0          | 4.0        | 1      |
|    |        |                | 227.0          | 3.0        | 1      |
|    |        |                | 253.0<br>279.0 | 1.0<br>4.0 | 1<br>1 |
|    |        |                | 292.0          | 4.0        | 1      |
|    |        |                | 304.0          | 4.0        | 1      |
| 60 | 0      | False          | 277.0          | 3.0        | 1      |
|    |        | . 4.200        | 302.0          | 4.0        | 1      |
| 78 | 0      | False          | 396.0          | 4.0        | 1      |
| 74 | 0      | False          | 336.0          | 4.0        | 1      |
|    |        |                | 366.0          | 3.0        | 1      |
|    |        |                | 370.0          | 2.0        | 1      |
|    |        |                |                | 4.0        | 1      |
|    |        |                | 371.0          | 2.0        | 1      |
|    |        |                | 378.0          | 4.0        | 1      |
|    |        | Truc           | 409.0          | 3.0        | 1      |
|    |        | True           | 164.0          | 2.0        | 1      |

|     |   |         | 199.0          | 4.0        | 1      |
|-----|---|---------|----------------|------------|--------|
|     |   |         | 264.0          | 4.0        | 1      |
|     |   |         | 341.0          | 2.0        | 1      |
|     |   |         | 347.0          | 3.0        | 1      |
|     | 1 | False   | 128.0          | 3.0        | 1      |
|     |   |         | 153.0          | 4.0        | 1      |
|     |   |         | 232.0<br>308.0 | 4.0        | 1<br>1 |
| 75  | 0 | False   | 157.0          | 4.0        | 1      |
| . • |   | . 0.200 | 200.0          | 3.0        | 1      |
| 74  | 0 | False   | 350.0          | 2.0        | 1      |
|     |   |         | 335.0          | 4.0        | 1      |
| 75  | 0 | False   | 237.0          | 2.0        | 1      |
| 74  | 0 | False   | 335.0          | 3.0        | 1      |
| 73  | 1 | False   | 120.0<br>201.0 | 4.0        | 1<br>1 |
|     |   |         | 224.0          | 4.0        | 1      |
|     |   |         | 348.0          | 4.0        | 1      |
|     |   |         | 356.0          | 4.0        | 1      |
|     |   |         | 374.0          | 4.0        | 1      |
|     |   | True    | 441.0          | 2.0        | 1      |
| 74  | 0 | False   | 133.0          | 1.0        | 1      |
|     |   |         | 167.0<br>249.0 | 4.0<br>2.0 | 1<br>1 |
|     |   |         | 262.0          | 4.0        | 1      |
|     |   |         | 283.0          | 3.0        | 1      |
|     |   |         | 292.0          | 4.0        | 1      |
|     |   |         | 295.0          | 2.0        | 1      |
|     |   |         | 319.0          | 3.0        | 1      |
|     |   |         | 331.0          | 4.0        | 1      |
| 7-  | 0 | Гајаа   | 332.0          | 3.0        | 1      |
| 75  | 0 | False   | 223.0<br>240.0 | 3.0<br>3.0 | 1<br>1 |
| 76  | 0 | False   | 295.0          | 4.0        | 1      |
| 75  | 0 | False   | 474.0          | 3.0        | 1      |
|     |   |         | 905.0          | 3.0        | 1      |
|     |   | True    | 341.0          | 1.0        | 1      |
|     | 1 | False   | 126.0          | 2.0        | 1      |
|     |   |         | 133.0          | 2.0        | 1      |
|     |   |         | 178.0          | 4.0        | 1      |
|     |   |         | 306.0<br>307.0 | 4.0<br>3.0 | 1<br>1 |
|     |   |         | 353.0          | 4.0        | 1      |
|     |   | True    | 363.0          | 4.0        | 1      |
| 76  | 0 | False   | 120.0          | 1.0        | 1      |
|     |   |         | 138.0          | 4.0        | 1      |
|     |   |         | 167.0          | 2.0        | 1      |
|     |   |         | 178.0          | 4.0        | 1      |
|     |   |         | 211.0<br>216.0 | 3.0<br>3.0 | 1<br>1 |
|     |   |         | 230.0          | 2.0        | 1      |
|     |   |         | 281.0          | 2.0        | 1      |
| 75  | 0 | False   | 651.0          | 4.0        | 1      |
|     |   |         | 379.0          | 4.0        | 1      |
|     |   |         | 252.0          | 4.0        | 1      |
|     |   |         | 373.0          | 3.0        | 1      |
|     |   |         | 255.0<br>273.0 | 4.0<br>4.0 | 1<br>1 |
|     |   |         | 278.0          | 2.0        | 1      |
|     |   |         | 282.0          | 4.0        | 1      |
|     |   |         | 288.0          | 2.0        | 1      |
|     |   |         | 308.0          | 3.0        | 1      |
|     |   |         | 313.0          | 1.0        | 1      |
|     |   |         | 316.0          | 4.0        | 1      |
|     |   |         | 322.0          | 3.0        | 1      |
|     |   |         | 324.0          | 4.0        | 1      |

|    |   |       | 327.0          | 1.0        | 1      |
|----|---|-------|----------------|------------|--------|
|    |   |       | 329.0          | 1.0        | 1      |
|    |   |       | 344.0          | 3.0        | 1      |
|    |   |       |                | 4.0        | 1      |
|    |   |       | 348.0          | 2.0        | 1      |
|    |   |       | 350.0          | 4.0        | 1      |
|    |   |       | 357.0          | 3.0        | 1      |
| 73 | 0 | True  | 441.0          | 3.0        | 1      |
|    |   |       | 377.0          | 4.0        | 1      |
|    |   |       | 365.0          | 4.0        | 1      |
| 71 | 0 | False | 373.0          | 4.0        | 1      |
|    |   |       | 395.0          | 1.0        | 1      |
|    |   |       | 640.0          | 4.0        | 1      |
|    |   | True  | 183.0          | 2.0        | 1      |
|    |   |       | 353.0          | 4.0        | 1      |
|    |   |       | 398.0          | 4.0        | 1      |
|    | 1 | False | 235.0          | 4.0        | 1      |
|    |   |       | 276.0          | 3.0        | 1      |
|    |   |       | 312.0          | 4.0        | 1      |
|    |   |       | 343.0          | 4.0        | 1      |
|    |   |       | 357.0<br>383.0 | 4.0<br>1.0 | 1<br>1 |
| 72 | Θ | False | 154.0          | 2.0        | 1      |
| 12 | O | raise | 185.0          | 4.0        | 1      |
|    |   |       | 200.0          | 4.0        | 1      |
|    |   |       | 286.0          | 3.0        | 1      |
|    |   |       | 309.0          | 4.0        | 1      |
|    |   |       | 324.0          | 3.0        | 1      |
| 71 | 0 | False | 383.0          | 2.0        | 1      |
|    |   |       | 363.0          | 4.0        | 1      |
| 73 | 0 | True  | 334.0          | 2.0        | 1      |
| 71 | 0 | False | 351.0          | 4.0        | 1      |
|    |   |       | 125.0          | 4.0        | 1      |
|    |   |       | 150.0          | 2.0        | 1      |
|    |   |       | 156.0          | 4.0        | 1      |
|    |   |       | 158.0          | 4.0        | 1      |
|    |   |       | 262.0          | 4.0        | 1      |
|    |   |       | 287.0          | 2.0        | 1      |
|    |   |       | 292.0          | 4.0        | 1      |
|    |   |       | 294.0          | 4.0        | 1      |
|    |   |       | 302.0          | 2.0        | 1      |
|    |   |       | 304.0          | 2.0<br>2.0 | 1      |
|    |   |       | 311.0<br>326.0 | 4.0        | 1<br>1 |
|    |   |       | 328.0          | 4.0        | 1      |
|    |   |       | 331.0          | 3.0        | 1      |
|    |   |       | 334.0          | 3.0        | 1      |
|    |   |       | 338.0          | 4.0        | 1      |
|    |   |       | 340.0          | 3.0        | 1      |
| 72 | 0 | False | 326.0          | 4.0        | 1      |
|    |   |       | 332.0          | 3.0        | 1      |
|    |   |       | 340.0          | 4.0        | 1      |
|    |   |       | 352.0          | 4.0        | 1      |
| 73 | 0 | False | 200.0          | 2.0        | 1      |
|    |   |       | 219.0          | 3.0        | 1      |
|    |   |       | 227.0          | 1.0        | 1      |
|    |   |       | 309.0          | 4.0        | 1      |
|    |   |       | 315.0          | 1.0        | 1      |
|    |   |       | 324.0          | 4.0        | 1      |
|    |   |       | 343.0          | 4.0        | 1      |
|    |   |       | 356.0          | 4.0        | 1      |
|    |   |       | 364.0          | 2.0        | 1      |
|    |   |       | 386.0          | 4.0        | 1      |
|    |   |       | 388.0<br>380 0 | 2.0        | 1      |
|    |   |       | 389.0<br>462.0 | 2.0<br>4.0 | 1<br>1 |
|    |   |       | 402.0          | 4.0        | т_     |

|    |   |       | 1567.0         | 3.0        | 1      |
|----|---|-------|----------------|------------|--------|
|    |   | True  | 180.0          | 3.0        | 1      |
|    |   |       | 231.0          | 4.0        | 1      |
|    |   |       | 256.0          | 3.0        | 1      |
|    |   | False | 193.0          | 4.0        | 1      |
|    |   |       | 177.0          | 4.0        | 1      |
|    |   |       | 145.0          | 4.0        | 1      |
| 72 | 0 | False | 880.0          | 4.0        | 1      |
|    |   |       | 355.0          | 1.0        | 1      |
|    |   |       | 356.0<br>371.0 | 4.0<br>3.0 | 1<br>1 |
|    |   |       | 386.0          | 4.0        | 1      |
|    |   |       | 391.0          | 4.0        | 1      |
|    |   |       | 398.0          | 4.0        | 1      |
|    |   |       | 584.0          | 1.0        | 1      |
|    |   | True  | 180.0          | 3.0        | 1      |
| 73 | 0 | False | 120.0          | 4.0        | 1      |
| 72 | 0 | True  | 267.0          | 4.0        | 1      |
|    |   |       | 319.0          | 2.0        | 1      |
|    |   |       | 375.0          | 4.0        | 1      |
|    | 1 | False | 394.0          | 4.0        | 1<br>1 |
|    |   | raise | 143.0<br>301.0 | 4.0<br>4.0 | 1      |
|    |   |       | 326.0          | 4.0        | 1      |
| 76 | 0 | False | 288.0          | 2.0        | 1      |
|    |   |       | 306.0          | 4.0        | 1      |
| 60 | 0 | False | 304.0          | 4.0        | 1      |
| 78 | 0 | False | 294.0          | 2.0        | 1      |
|    |   |       | 299.0          | 2.0        | 1      |
|    |   |       | 300.0          | 4.0        | 1      |
|    |   |       | 302.0          | 2.0        | 1      |
|    |   |       | 000 0          | 4.0        | 1      |
|    |   |       | 303.0          | 2.0        | 1      |
|    |   |       | 304.0          | 4.0<br>2.0 | 1<br>1 |
|    |   |       | 306.0          | 3.0        | 1      |
|    |   |       | 00010          | 4.0        | 1      |
|    |   |       | 307.0          | 2.0        | 1      |
|    |   |       | 308.0          | 2.0        | 1      |
|    |   |       | 309.0          | 1.0        | 1      |
|    |   |       | 310.0          | 1.0        | 1      |
|    |   |       |                | 3.0        | 1      |
|    |   |       |                | 4.0        | 1      |
|    |   |       | 311.0          | 3.0        | 1      |
|    |   |       | 312.0<br>297.0 | 4.0        | 1<br>1 |
|    |   |       | 294.0          | 4.0<br>1.0 | 1      |
|    |   |       | 314.0          | 3.0        | 1      |
|    |   |       | 289.0          | 4.0        | 1      |
|    |   |       | 230.0          | 4.0        | 1      |
|    |   |       | 232.0          | 1.0        | 1      |
|    |   |       | 233.0          | 4.0        | 1      |
|    |   |       | 240.0          | 2.0        | 1      |
|    |   |       |                | 3.0        | 1      |
|    |   |       | 242.0          | 4.0        | 1      |
|    |   |       | 248.0          | 1.0        | 1      |
|    |   |       | 250.0<br>262.0 | 4.0<br>3.0 | 1<br>1 |
|    |   |       | 269.0          | 3.0        | 1      |
|    |   |       | 273.0          | 2.0        | 1      |
|    |   |       | 274.0          | 4.0        | 1      |
|    |   |       | 276.0          | 4.0        | 1      |
|    |   |       | 279.0          | 3.0        | 1      |
|    |   |       | 281.0          | 3.0        | 1      |
|    |   |       | 283.0          | 4.0        | 1      |
|    |   |       | 286.0          | 2.0        | 1      |

|     |   |         | 313.0          | 4.0        | 1      |
|-----|---|---------|----------------|------------|--------|
|     |   |         | 315.0          | 4.0        | 1      |
| 76  | 0 | False   | 308.0          | 4.0        | 1      |
| 26  | 0 | False   | 311.0          | 4.0        | 1      |
| 78  | 0 | False   | 360.0          | 4.0        | 1      |
|     |   |         | 362.0          | 4.0        | 1      |
|     |   |         | 364.0          | 3.0        | 1      |
|     |   |         | 367.0          | 4.0        | 1      |
|     |   |         | 370.0          | 4.0        | 1      |
|     |   |         | 372.0          | 2.0        | 1      |
|     |   |         | 373.0          | 4.0        | 1      |
|     |   |         | 377.0<br>378.0 | 4.0<br>2.0 | 1<br>1 |
|     |   |         | 379.0          | 4.0        | 1      |
|     |   |         | 383.0          | 4.0        | 1      |
|     |   |         | 384.0          | 4.0        | 1      |
|     |   |         | 386.0          | 2.0        | 1      |
|     |   |         | 390.0          | 2.0        | 1      |
|     |   |         | 395.0          | 3.0        | 1      |
|     |   |         |                | 4.0        | 1      |
|     |   |         | 396.0          | 3.0        | 1      |
|     |   |         | 358.0          | 4.0        | 1      |
|     |   |         | 356.0          | 2.0        | 1      |
|     |   |         | 318.0          | 4.0        | 1      |
|     |   |         | 350.0          | 2.0        | 1      |
|     |   |         | 321.0          | 4.0        | 1      |
|     |   |         | 322.0          | 3.0        | 1      |
|     |   |         | 323.0          | 4.0        | 1      |
|     |   |         | 325.0          | 3.0        | 1      |
|     |   |         | 326.0          | 3.0        | 1      |
|     |   |         | 227 0          | 4.0        | 1      |
|     |   |         | 327.0<br>329.0 | 4.0<br>2.0 | 1<br>1 |
|     |   |         | 336.0          | 4.0        | 1      |
|     |   |         | 337.0          | 3.0        | 1      |
|     |   |         | 338.0          | 2.0        | 1      |
|     |   |         | 340.0          | 3.0        | 1      |
|     |   |         | 345.0          | 2.0        | 1      |
|     |   |         |                | 4.0        | 1      |
|     |   |         | 346.0          | 3.0        | 1      |
|     |   |         |                | 4.0        | 1      |
|     |   |         | 347.0          | 4.0        | 1      |
|     |   |         | 226.0          | 3.0        | 1      |
|     |   |         | 215.0          | 4.0        | 1      |
|     |   |         |                | 2.0        | 1      |
| 76  | 1 | False   | 310.0          | 4.0        | 1      |
|     |   | Trans   | 375.0          | 4.0        | 1      |
| 77  | 0 | True    | 370.0          | 4.0        | 1      |
| 77  | 0 | False   | 120.0          | 2.0<br>4.0 | 1<br>1 |
|     |   |         | 166.0          | 4.0        | 1      |
|     |   |         | 198.0          | 3.0        | 1      |
|     |   |         | 219.0          | 3.0        | 1      |
|     |   |         | 228.0          | 4.0        | 1      |
|     |   |         | 238.0          | 4.0        | 1      |
|     |   |         | 312.0          | 2.0        | 1      |
|     |   |         | 321.0          | 3.0        | 1      |
|     |   |         | 333.0          | 3.0        | 1      |
|     |   |         | 343.0          | 4.0        | 1      |
|     |   |         | 348.0          | 2.0        | 1      |
|     |   |         | 443.0          | 2.0        | 1      |
|     |   |         | 498.0          | 4.0        | 1      |
|     |   | True    | 235.0          | 3.0        | 1      |
| 76  | 1 | False   | 335.0          | 4.0        | 1      |
| 7.0 | _ | E - 3 - | 232.0          | 4.0        | 1      |
| 78  | 0 | False   | 209.0          | 4.0        | 1      |

| False 319.0 2.0 1 323.0 4.0 1 327.0 3.0 1 3349.0 4.0 1 350.0 3.0 1 349.0 4.0 1 351.0 2.0 1 351.0 2.0 1 352.0 2.0 1 352.0 2.0 1 353.0 4.0 1 352.0 2.0 1 373.0 4.0 1 372.0 2.0 1 373.0 4.0 1 372.0 2.0 1 373.0 4.0 1 372.0 2.0 1 373.0 4.0 1 374.0 2.0 1 375.0 3.0 1 376.0 3.0 1 376.0 3.0 1 379.0 3.0 1 379.0 4.0 1 328.0 4.0 1 328.0 4.0 1 328.0 4.0 1 328.0 4.0 1 381.0 3.0 1   | 76          | 1 | False    | 212.0 | 4.0 | 1 |
|--|-------------|---|----------|-------|-----|---|
| 323.0  | . 0         |   |          |       |     |   |
| 327.0 3.0 1 331.0 3.0 1 349.0 4.0 1 350.0 3.0 1 4.0 1 351.0 2.0 1 354.0 4.0 1 359.0 4.0 1 359.0 4.0 1 359.0 4.0 1 372.0 2.0 1 373.0 4.0 1 373.0 4.0 1 373.0 4.0 1 373.0 4.0 1 373.0 4.0 1 373.0 3.0 1 366.0 1 366.0 1  |             | Ū | . 4100   |       |     |   |
| 331.0   3.0   1   349.0   4.0   1   350.0   3.0   1   350.0   3.0   1   351.0   3.0   1   354.0   4.0   1   359.0   4.0   1   372.0   2.0   1   372.0   2.0   1   373.0   4.0   1   339.0   3.0   1   339.0   3.0   1   339.0   3.0   1   339.0   3.0   1   339.0   3.0   1   339.0   3.0   1   339.0   3.0   1   339.0   3.0   1   339.0   3.0   1   339.0   3.0   1   328.0   4.0   1   1   False   291.0   4.0   1   1   541.0   328.0   4.0   1   1   181.0   3.0   1   181.0   3.0   1   181.0   3.0   1   181.0   3.0   1   181.0   3.0   1   181.0   3.0   1   181.0   3.0   1   181.0   3.0   1   181.0   3.0   1   181.0   3.0   1   195.0   4.0   1   195.0   4.0   1   197.0   2.0   1   197.0   2.0   1   200.0   2.0   1   203.0   4.0   1   205.0   4.0   1   205.0   4.0   1   170.0   2.0   1   200.0   2.0   1   171.0   3.0   1   170.0   2.0   1   171.0   3.0   1   170.0   2.0   1   171.0   3.0   1   170.0   2.0   1   141.0   2.0   1   141.0   4.0   1      |             |   |          |       |     |   |
| 349.0   4.0   1   359.0   3.0   1  |             |   |          |       |     |   |
| 350.0   3.0   1  |             |   |          |       |     |   |
| 1  |             |   |          |       |     |   |
| Section   Sect   |             |   |          |       |     |   |
| 354.0  |             |   |          | 351.0 |     |   |
| 372.0  |             |   |          | 354.0 | 4.0 | 1 |
| True   |             |   |          | 359.0 | 4.0 | 1 |
| True 262.0 4.0 1 339.0 3.0 1 366.0 3.0 1 394.0 3.0 1 77 0 True 404.0 4.0 1 1 False 291.0 4.0 1 305.0 4.0 1 328.0 4.0 1 77 1 False 172.0 3.0 1 183.0 2.0 1 183.0 2.0 1 184.0 4.0 1 188.0 4.0 1 188.0 4.0 1 189.0 1.0 1 195.0 4.0 1 195.0 4.0 1 195.0 4.0 1 195.0 4.0 1 195.0 4.0 1 197.0 2.0 1 197.0 2.0 1 200.0 2.0 1 203.0 4.0 1 205.0 4.0 1 206.0 2.0 1 171.0 3.0 1 171.0 5.0 2.0 1 171.0 5.0 2.0 1 171.0 5.0 2.0 1 171.0 5.0 2.0 1 171.0 5.0 2.0 1 171.0 5.0 2.0 1 171.0 5.0 2.0 1 171.0 5.0 2.0 1 171.0 5.0 2.0 1 171.0 5.0 2.0 1 171.0 7.0 2.0 1 171.0 7.0 2.0 1 171.0 7.0 3.0 1 171.0 1 171.0 1 171.0 1 171.0 1 171.0 1 171.0 1 171.0 1 171.0 1 171.0 1 171.0 1 171.0 1  |             |   |          | 372.0 | 2.0 | 1 |
| True 262.0 4.0 1 339.0 3.0 1 366.0 3.0 1 394.0 3.0 1 77 0 True 404.0 4.0 1 1 False 291.0 4.0 1 305.0 4.0 1 328.0 4.0 1 78 0 False 172.0 3.0 1 181.0 3.0 1 184.0 4.0 1 188.0 4.0 1 188.0 4.0 1 188.0 4.0 1 189.0 1.0 1 189.0 1.0 1 199.0 4.0 1 199.0 4.0 1 199.0 4.0 1 199.0 4.0 1 199.0 4.0 1 197.0 2.0 1 199.0 4.0 1 197.0 2.0 1 200.0 2.0 1 200.0 2.0 1 200.0 2.0 1 200.0 2.0 1 205.0 4.0 1 171.0 3.0 1 206.0 2.0 1 171.0 3.0 1 1770.0 2.0 1 1710.0 3.0 1 1770.0 2.0 1 1710.0 3.0 1 1710.0 5.0 2.0 1 1710.0 3.0 1 |             |   |          |       |     |   |
| 339.0 3.0 1 366.0 3.0 1 377 0 True 404.0 4.0 1 1 False 291.0 4.0 1 305.0 4.0 1 328.0 4.0 1 78 0 False 172.0 3.0 1 181.0 3.0 1 181.0 3.0 1 183.0 2.0 1 184.0 4.0 1 188.0 4.0 1 188.0 4.0 1 189.0 1.0 1 195.0 4.0 1 195.0 4.0 1 197.0 2.0 1 200.0 2.0 1 203.0 4.0 1 205.0 4.0 1 205.0 4.0 1 206.0 2.0 1 71 False 351.0 4.0 1 171.0 3.0 1 177.0 2.0 1 171.0 3.0 1 177.0 2.0 1 171.0 3.0 1 177.0 2.0 1 171.0 3.0 1 177.0 2.0 1 171.0 3.0 1 177.0 2.0 1 171.0 3.0 1 177.0 2.0 1 171.0 3.0 1   |             |   |          |       |     |   |
| 366.0 3.0 1 394.0 3.0 1 77 0 True 404.0 4.0 1 1 False 291.0 4.0 1 328.0 4.0 1 328.0 4.0 1 78 0 False 172.0 3.0 1 183.0 2.0 1 183.0 2.0 1 184.0 4.0 1 188.0 4.0 1 189.0 1.0 1 199.0 4.0 1 199.0 4.0 1 199.0 4.0 1 199.0 4.0 1 199.0 4.0 1 197.0 2.0 1 200.0 2.0 1 203.0 4.0 1 205.0 4.0 1 205.0 4.0 1 206.0 2.0 1 71 False 351.0 4.0 1 170.0 2.0 1 171.0 3.0 1 170.0 2.0 1 171.0 3.0 1 170.0 2.0 1 171.0 3.0 1 170.0 2.0 1 171.0 3.0 1 170.0 2.0 1 171.0 3.0 1 170.0 2.0 1 171.0 3.0 1 170.0 2.0 1 171.0 3.0 1 170.0 2.0 1 171.0 3.0 1 171.0 3.0 1 172.0 4.0 1 173.0 4.0 1 174.0 1.0 1 1331.0 4.0 1 1331.0 4.0 1 1331.0 4.0 1 1331.0 4.0 1 1331.0 4.0 1 1331.0 4.0 1 1331.0 4.0 1 1331.0 4.0 1 1331.0 4.0 1 1331.0 4.0 1 1331.0 4.0 1 1331.0 4.0 1 1331.0 4.0 1 1331.0 4.0 1 1331.0 4.0 1 1331.0 3.0 1 142.0 3.0 1 142.0 3.0 1 145.0 4.0 1 147.0 3.0 1 147.0 3.0 1 148.0 3.0 1 147.0 3.0 1 148.0 3.0 1 148.0 3.0 1 148.0 3.0 1 148.0 3.0 1 1552.0 2.0 1 156.0 2.0 1 156.0 2.0 1 156.0 2.0 1 156.0 2.0 1 156.0 2.0 1 156.0 2.0 1 156.0 2.0 1 156.0 2.0 1 156.0 2.0 1 156.0 2.0 1 156.0 2.0 1 156.0 2.0 1 1336.0 4.0 1  |             |   | True     |       |     |   |
| 77 0 True 404.0 4.0 1 1 False 291.0 4.0 1 305.0 4.0 1 328.0 4.0 1 78 0 False 172.0 3.0 1 181.0 3.0 1 183.0 2.0 1 184.0 4.0 1 188.0 4.0 1 189.0 1.0 1 199.0 4.0 1 199.0 4.0 1 199.0 4.0 1 199.0 4.0 1 199.0 4.0 1 197.0 2.0 1 199.0 4.0 1 197.0 2.0 1 200.0 2.0 1 203.0 4.0 1 206.0 2.0 1 71 False 351.0 4.0 1 77 1 False 351.0 4.0 1 77 1 False 351.0 4.0 1 77 1 False 351.0 4.0 1 171.0 3.0 1 171.0 3.0 1 171.0 1.0 2.0 1 171.0 1.0 1 171.0 1.0 1 171.0 1.0 1.0 1 171.0 1.0 1 171.0 1.0 1 171.0 1.0 1 171.0 1.0 1 171.0 1.0 1.0 1 171.0 1.0 1 171.0 1.0 1 171.0 1.0 1 171.0 1.0 1 171.0 1.0 1.0 1 171.0 1.0 1 171.0 1.0 1 171.0 1.0 1 171.0 1.0 1 171.0 1.0 1.0 1 171.0 1.0 1 171.0 1.0 1 171.0 1.0 1 171.0 1.0 1 171.0 1.0 1.0 1 171.0 1.0 1 171.0 1.0 1 171.0 1.0 1 171.0 1.0 1 171.0 1.0 1.0 1 171.0 1.0 1 171.0 1.0 1 171.0 1.0 1 171.0 1.0 1 171.0 1.0 1.0 1 171.0 1.0 1 171.0 1.0 1 171.0 1.0 1 171.0 1.0 1 171.0 1.0 1.0 1 171.0 1.0 1 171.0 1.0 1 171.0 1.0 1 171.0 1.0 1 171.0 1.0 1.0 1 171.0 1.0 1 171.0 1.0 1 171.0 1.0 1 171.0 1.0 1 171.0 1.0 1.0 1 171.0 1.0 1 171.0 1.0 1 171.0 1.0 1 171.0 1.0 1 171.0 1.0 1.0 1 171.0 1.0 1 171.0 1.0 1 171.0 1.0 1 171.0 1.0 1 171.0 1.0 1.0 1 171.0 1.0 1 171.0 1.0 1 171.0 1.0 1 171.0 1.0 1 171.0 1.0 1.0 1 171.0 1.0 1 171.0 1.0 1 171.0 1.0 1 171.0 1.0 1 171.0 1.0 1.0 1 171.0 1.0 1 171.0 1.0 1 171.0 1.0 1 171.0 1.0 1 171.0 1.0 1.0 1 171.0 1.0 1 171.0 1.0 1 171.0 1.0 1 171.0 1.0 1 171.0 1.0 1.0 1 171.0 1.0 1 171.0 1.0 1 171.0 1.0 1 171.0 1.0 1 171.0 1.0 1.0 1 171.0 1.0 1 171.0 1.0 1 171.0 1.0 1 171.0 1.0 1 171.0 1.0 1.0 1 171 |             |   |          |       |     |   |
| 77 0 True 404.0 4.0 1 1 False 291.0 4.0 1 305.0 4.0 1 328.0 4.0 1 78 0 False 172.0 3.0 1 181.0 3.0 1 183.0 2.0 1 184.0 4.0 1 188.0 4.0 1 189.0 1.0 1 199.0 4.0 1 199.0 4.0 1 199.0 4.0 1 199.0 4.0 1 199.0 4.0 1 197.0 2.0 1 200.0 2.0 1 203.0 4.0 1 205.0 4.0 1 206.0 2.0 1 206.0 2.0 1 171.0 3.0 1 170.0 2.0 1 171.0 3.0 1 170.0 2.0 1 171.0 3.0 1 170.0 2.0 1 171.0 3.0 1 170.0 2.0 1 171.0 3.0 1 170.0 2.0 1 171.0 3.0 1 170.0 2.0 1 171.0 3.0 1 170.0 2.0 1 171.0 3.0 1 170.0 2.0 1 171.0 3.0 1 170.0 2.0 1 171.0 3.0 1 170.0 2.0 1 171.0 3.0 1 172.0 5.0 1 172.0 3.0 1 172.0 3.0 1 172.0 3.0 1 172.0 3.0 1 172.0 3.0 1 172.0 3.0 1 172.0 3.0 1 172.0 3.0 1 172.0 3.0 1 172.0 3.0 1 172.0 3.0 1 172.0 3.0 1 172.0 3.0 1 172.0 3.0 1 172.0 3.0 1 172.0 False 120.0 4.0 1 172.0 3.0 1 172.0 3.0 1 172.0 3.0 1 172.0 3.0 1 172.0 3.0 1 172.0 3.0 1 172.0 3.0 1 172.0 3.0 1 172.0 3.0 1 172.0 3.0 1 172.0 3.0 1 172.0 3.0 1 172.0 3.0 1 172.0 3.0 1 172.0 7 172.0 7 182.0 3.0 1 182.0 1 182.0 |             |   |          |       |     |   |
| 1 False 291.0 4.0 1 305.0 4.0 1 328.0 4.0 1 78 0 False 172.0 3.0 1 181.0 3.0 1 183.0 2.0 1 184.0 4.0 1 188.0 4.0 1 189.0 1.0 1 199.0 4.0 1 199.0 4.0 1 199.0 2.0 1 199.0 2.0 1 200.0 2.0 1 203.0 4.0 1 206.0 2.0 1 206.0 2.0 1 171.0 3.0 1 170.0 2.0 1 171.0 3.0 1 170.0 2.0 1 171.0 3.0 1 170.0 2.0 1 171.0 3.0 1 170.0 2.0 1 171.0 3.0 1 170.0 2.0 1 181.0 2.0 1 181.0 2.0 1 181.0 2.0 1 181.0 4.0 1 181.0 6.0 1 | 77          | Θ | True     |       |     |   |
| 78 0 False 172.0 3.0 1 179.0 4.0 1 181.0 3.0 1 183.0 2.0 1 184.0 4.0 1 188.0 4.0 1 189.0 1.0 1 195.0 4.0 1 195.0 4.0 1 197.0 2.0 1 195.0 4.0 1 200.0 2.0 1 203.0 4.0 1 205.0 4.0 1 206.0 2.0 1 171.0 3.0 1 177.0 2.0 1 177.0 2.0 1 177.0 2.0 1 177.0 2.0 1 177.0 2.0 1 177.0 1 False 351.0 4.0 1 170.0 2.0 1 171.0 3.0 1 170.0 2.0 1 171.0 3.0 1 170.0 1 184.0 1 184.0 1.0 1 184.0 1.0 1 184.0 1.0 1 184.0 1.0 1 184.0 1.0 1 184.0 1.0 1 184.0 1.0 1 184.0 1.0 1 184.0 1.0 1 184.0 1.0 1 184.0 | 1 1         |   |          |       |     |   |
| 78  0  False   |             | _ | . 4100   |       |     |   |
| 78  0  False   |             |   |          |       |     |   |
| 181.0  | 78          | 0 | False    |       |     |   |
| 183.0  |             |   |          | 179.0 | 4.0 |   |
| 184.0  |             |   |          | 181.0 | 3.0 | 1 |
| 188.0  |             |   |          |       |     |   |
| 189.0  |             |   |          |       |     |   |
| 192.0  |             |   |          |       |     |   |
| 192.0  |             |   |          | 189.0 |     |   |
| 195.0  |             |   |          | 100.0 |     |   |
| 197.0  |             |   |          |       |     |   |
| 200.0 2.0 1 203.0 4.0 1 205.0 4.0 1 206.0 2.0 1 3.0 1 207.0 2.0 1 171.0 3.0 1 170.0 2.0 1 162.0 2.0 1 162.0 2.0 1 162.0 2.0 1 171.0 3.0 1 162.0 1 141.0 2.0 1 77 1 False 351.0 4.0 1 True 342.0 4.0 1 78 0 False 123.0 3.0 1 124.0 1.0 1 131.0 4.0 1 133.0 4.0 1 134.0 4.0 1 144.0 4.0 1 144.0 4.0 1 144.0 4.0 1 144.0 3.0 1 144.0 3.0 1 144.0 3.0 1 144.0 3.0 1 144.0 3.0 1 144.0 3.0 1 144.0 3.0 1 144.0 3.0 1 144.0 3.0 1 152.0 2.0 1 156.0 2.0 1 71 0 False 120.0 4.0 1 71 0 False 120.0 4.0 1 71 0 False 320.0 4.0 1 311.0 3.0 1  |             |   |          |       |     |   |
| 203.0  |             |   |          |       |     |   |
| 205.0  |             |   |          |       |     |   |
| 206.0 2.0 1 3.0 1 207.0 2.0 1 171.0 3.0 1 170.0 2.0 1 162.0 2.0 1 141.0 2.0 1 77 1 False 351.0 4.0 1 78 0 False 123.0 3.0 1 124.0 1.0 1 131.0 4.0 1 134.0 4.0 1 141.0 4.0 1 160.0 3.0 1 142.0 3.0 1 142.0 3.0 1 142.0 3.0 1 142.0 3.0 1 142.0 3.0 1 142.0 3.0 1 142.0 3.0 1 142.0 3.0 1 142.0 3.0 1 142.0 3.0 1 142.0 3.0 1 142.0 3.0 1 145.0 4.0 1 147.0 3.0 1 148.0 3.0 1 152.0 2.0 1 71 0 False 120.0 4.0 1 70 0 True 366.0 4.0 1 71 0 False 320.0 4.0 1 311.0 3.0 1  |             |   |          |       |     |   |
| 3.0 1 207.0 2.0 1 171.0 3.0 1 170.0 2.0 1 162.0 2.0 1 141.0 2.0 1 77 1 False 351.0 4.0 1 78 0 False 123.0 3.0 1 131.0 4.0 1 131.0 4.0 1 134.0 4.0 1 141.0 4.0 1 142.0 3.0 1 142.0 3.0 1 142.0 3.0 1 142.0 3.0 1 142.0 3.0 1 142.0 3.0 1 142.0 3.0 1 142.0 3.0 1 142.0 3.0 1 142.0 3.0 1 142.0 3.0 1 145.0 4.0 1 171 0 False 120.0 4.0 1 70 0 True 366.0 4.0 1 71 0 False 320.0 4.0 1 63 0 False 320.0 4.0 1 324.0 2.0 1 336.0 4.0 1  |             |   |          |       |     |   |
| 171.0 3.0 1 170.0 2.0 1 162.0 2.0 1 141.0 2.0 1 77 1 False 351.0 4.0 1 78 0 False 123.0 3.0 1 124.0 1.0 1 131.0 4.0 1 134.0 4.0 1 134.0 4.0 1 144.0 3.0 1 140.0 3.0 1 142.0 3.0 1 142.0 3.0 1 142.0 3.0 1 142.0 3.0 1 142.0 3.0 1 142.0 3.0 1 142.0 3.0 1 142.0 3.0 1 142.0 3.0 1 145.0 4.0 1 147.0 3.0 1 148.0 3.0 1 152.0 2.0 1 71 0 False 120.0 4.0 1 70 0 True 366.0 4.0 1 70 0 False 320.0 4.0 1 63 0 False 320.0 4.0 1   |             |   |          |       |     | 1 |
| 170.0 2.0 1 162.0 2.0 1 141.0 2.0 1 77 1 False 351.0 4.0 1 78 0 False 123.0 3.0 1 124.0 1.0 1 131.0 4.0 1 134.0 4.0 1 141.0 4.0 1 141.0 4.0 1 160.0 3.0 1 142.0 3.0 1 142.0 3.0 1 142.0 3.0 1 142.0 3.0 1 142.0 3.0 1 152.0 2.0 1 156.0 2.0 1 156.0 2.0 1 71 0 False 120.0 4.0 1 70 0 True 366.0 4.0 1 71 0 False 320.0 4.0 1 63 0 False 320.0 4.0 1 324.0 2.0 1 336.0 4.0 1   |             |   |          | 207.0 | 2.0 | 1 |
| 162.0 2.0 1 141.0 2.0 1 77 1 False 351.0 4.0 1 78 0 False 123.0 3.0 1 124.0 1.0 1 131.0 4.0 1 134.0 4.0 1 141.0 4.0 1 160.0 3.0 1 142.0 3.0 1 142.0 3.0 1 142.0 3.0 1 142.0 3.0 1 142.0 3.0 1 152.0 2.0 1 156.0 2.0 1 71 0 False 120.0 4.0 1 70 0 True 366.0 4.0 1 71 0 False 320.0 4.0 1 331.0 3.0 1 324.0 2.0 1 336.0 4.0 1  |             |   |          |       | 3.0 |   |
| 141.0 2.0 1 77 1 False 351.0 4.0 1 78 0 False 123.0 3.0 1 124.0 1.0 1 131.0 4.0 1 134.0 4.0 1 141.0 4.0 1 160.0 3.0 1 142.0 3.0 1 142.0 3.0 1 147.0 3.0 1 148.0 3.0 1 148.0 3.0 1 152.0 2.0 1 156.0 2.0 1 71 0 False 120.0 4.0 1 70 0 True 366.0 4.0 1 71 0 False 320.0 4.0 1 331.0 3.0 1 324.0 2.0 1 336.0 4.0 1  |             |   |          |       |     |   |
| 77   |             |   |          |       |     |   |
| True 342.0 4.0 1  78 0 False 123.0 3.0 1  124.0 1.0 1  131.0 4.0 1  134.0 4.0 1  141.0 4.0 1  160.0 3.0 1  142.0 3.0 1  142.0 3.0 1  147.0 3.0 1  147.0 3.0 1  148.0 3.0 1  152.0 2.0 1  71 0 False 120.0 4.0 1  70 0 True 366.0 4.0 1  71 0 False 320.0 4.0 1  311.0 3.0 1  63 0 False 320.0 4.0 1  324.0 2.0 1  336.0 4.0 1  |             | _ | <b>1</b> |       |     |   |
| 78 0 False 123.0 3.0 1 4.0 1 124.0 1.0 1 131.0 4.0 1 134.0 4.0 1 141.0 4.0 1 160.0 3.0 1 142.0 3.0 1 142.0 3.0 1 142.0 3.0 1 145.0 4.0 1 147.0 3.0 1 148.0 3.0 1 152.0 2.0 1 152.0 2.0 1 71 0 False 120.0 4.0 1 70 0 True 366.0 4.0 1 71 0 False 320.0 4.0 1 334.0 2.0 1 336.0 4.0 1   | //          | 1 |          |       |     |   |
| 124.0 1.0 1 131.0 4.0 1 134.0 4.0 1 134.0 4.0 1 141.0 4.0 1 160.0 3.0 1 142.0 3.0 1 142.0 3.0 1 147.0 3.0 1 147.0 3.0 1 148.0 3.0 1 152.0 2.0 1 156.0 2.0 1 71 0 False 120.0 4.0 1 70 0 True 366.0 4.0 1 71 0 False 320.0 4.0 1 324.0 2.0 1 336.0 4.0 1  | 70          | 0 |          |       |     |   |
| 124.0  | 10          | U | Faise    | 123.0 |     |   |
| 131.0  |             |   |          | 124 O |     |   |
| 134.0  |             |   |          |       |     |   |
| 141.0  |             |   |          |       |     |   |
| 160.0 3.0 1 142.0 3.0 1 142.0 3.0 1 4.0 1 145.0 4.0 1 147.0 3.0 1 148.0 3.0 1 152.0 2.0 1 156.0 2.0 1 71 0 False 120.0 4.0 1 70 0 True 366.0 4.0 1 71 0 False 320.0 4.0 1 311.0 3.0 1  |             |   |          |       |     |   |
| 145.0 4.0 1 147.0 3.0 1 148.0 3.0 1 148.0 3.0 1 152.0 2.0 1 156.0 2.0 1 71 0 False 120.0 4.0 1 70 0 True 366.0 4.0 1 63 0 False 320.0 4.0 1 63 0 False 320.0 4.0 1 324.0 2.0 1 336.0 4.0 1   |             |   |          |       |     |   |
| 145.0 4.0 1 147.0 3.0 1 148.0 3.0 1 152.0 2.0 1 156.0 2.0 1 71 0 False 120.0 4.0 1 70 0 True 366.0 4.0 1 311.0 3.0 1 63 0 False 320.0 4.0 1 324.0 2.0 1 336.0 4.0 1  |             |   |          | 142.0 | 3.0 | 1 |
| 147.0 3.0 1 148.0 3.0 1 152.0 2.0 1 156.0 2.0 1 71 0 False 120.0 4.0 1 70 0 True 366.0 4.0 1 311.0 3.0 1 63 0 False 320.0 4.0 1 324.0 2.0 1 336.0 4.0 1  |             |   |          |       | 4.0 |   |
| 148.0 3.0 1 152.0 2.0 1 156.0 2.0 1 71 0 False 120.0 4.0 1 70 0 True 366.0 4.0 1 63 0 False 320.0 4.0 1 324.0 2.0 1 336.0 4.0 1  |             |   |          |       |     |   |
| 152.0 2.0 1 156.0 2.0 1 71 0 False 120.0 4.0 1 70 0 True 366.0 4.0 1 63 0 False 320.0 4.0 1 324.0 2.0 1 336.0 4.0 1  |             |   |          |       |     |   |
| 156.0 2.0 1 71 0 False 120.0 4.0 1 70 0 True 366.0 4.0 1 63 0 False 320.0 4.0 1 324.0 2.0 1 336.0 4.0 1  |             |   |          |       |     |   |
| 71 0 False 120.0 4.0 1 70 0 True 366.0 4.0 1 311.0 3.0 1 63 0 False 320.0 4.0 1 324.0 2.0 1 336.0 4.0 1  |             |   |          |       |     |   |
| 70 0 True 366.0 4.0 1 311.0 3.0 1 63 0 False 320.0 4.0 1 324.0 2.0 1 336.0 4.0 1   | 71          | 0 | Foloo    |       |     |   |
| 311.0 3.0 1<br>63 0 False 320.0 4.0 1<br>324.0 2.0 1<br>336.0 4.0 1  |             |   |          |       |     |   |
| 63 0 False 320.0 4.0 1<br>324.0 2.0 1<br>336.0 4.0 1   | 10          | U | ii ue    |       |     |   |
| 324.0 2.0 1<br>336.0 4.0 1   | 63          | 0 | False    |       |     |   |
| 336.0 4.0 1  | J. <b>J</b> | - | . 5.200  |       |     |   |
|  |             |   |          |       |     |   |
|  |             |   |          |       |     |   |

|          |        |                | 370.0          | 2.0        | 1      |
|----------|--------|----------------|----------------|------------|--------|
|          |        |                | 395.0          | 3.0        | 1      |
|          |        |                | 403.0          | 4.0        | 1      |
|          |        |                | 418.0          | 4.0        | 1      |
|          |        |                | 420.0          | 3.0        | 1      |
|          |        | True           | 177.0          | 3.0        | 1      |
|          |        |                | 295.0          | 3.0        | 1      |
|          |        | _              | 384.0          | 2.0        | 1      |
|          | 1      | False          | 153.0          | 2.0        | 1      |
| 0.4      | 0      | True           | 128.0          | 2.0        | 1      |
| 64       | 0      | False          | 120.0          | 2.0        | 1      |
|          |        |                | 121.0<br>148.0 | 2.0<br>4.0 | 1<br>1 |
|          |        |                | 176.0          | 4.0        | 1      |
| 63       | 0      | False          | 322.0          | 4.0        | 1      |
|          |        | . 0.200        | 278.0          | 3.0        | 1      |
| 64       | 0      | False          | 270.0          | 4.0        | 1      |
| 63       | 0      | False          | 256.0          | 2.0        | 1      |
| 62       | 0      | False          | 401.0          | 4.0        | 1      |
|          |        |                | 412.0          | 4.0        | 1      |
|          |        |                | 434.0          | 2.0        | 1      |
|          |        | True           | 155.0          | 2.0        | 1      |
|          |        |                | 349.0          | 4.0        | 1      |
|          |        |                | 363.0          | 1.0        | 1      |
|          | 1      | False          | 403.0<br>316.0 | 3.0<br>1.0 | 1<br>1 |
|          |        | raise          | 326.0          | 3.0        | 1      |
|          |        |                | 347.0          | 1.0        | 1      |
|          |        |                | 367.0          | 4.0        | 1      |
| 63       | 0      | False          | 120.0          | 4.0        | 1      |
|          |        |                | 139.0          | 4.0        | 1      |
|          |        |                | 150.0          | 1.0        | 1      |
|          |        |                | 152.0          | 4.0        | 1      |
|          |        |                | 166.0          | 4.0        | 1      |
|          |        | _              | 233.0          | 4.0        | 1      |
| 64       | 0      | False          | 226.0          | 3.0        | 1      |
| 70       | 0      | Tierro         | 274.0          | 2.0        | 1      |
| 70<br>64 | 0<br>1 | True           | 148.0          | 4.0        | 1      |
| 64<br>65 | 0      | False<br>False | 326.0<br>120.0 | 2.0<br>1.0 | 1<br>1 |
| 05       | O      | raise          | 126.0          | 1.0        | 1      |
|          |        |                | 135.0          | 4.0        | 1      |
|          |        |                | 159.0          | 4.0        | 1      |
|          |        |                | 177.0          | 1.0        | 1      |
|          |        |                | 179.0          | 3.0        | 1      |
|          |        |                | 224.0          | 2.0        | 1      |
|          |        |                | 286.0          | 3.0        | 1      |
|          |        |                | 301.0          | 2.0        | 1      |
|          |        |                | 328.0          | 4.0        | 1      |
|          |        |                | 356.0<br>360.0 | 3.0<br>4.0 | 1<br>1 |
|          |        |                | 377.0          | 4.0        | 1      |
|          |        |                | 417.0          | 4.0        | 1      |
|          |        | True           | 533.0          | 4.0        | 1      |
|          | 1      | False          | 120.0          | 4.0        | 1      |
|          |        |                | 123.0          | 4.0        | 1      |
| 64       | 1      | False          | 330.0          | 3.0        | 1      |
|          |        |                | 304.0          | 1.0        | 1      |
|          | 0      | False          | 314.0          | 4.0        | 1      |
|          | 1      | False          | 292.0          | 4.0        | 1      |
|          | 0      | False          | 322.0          | 2.0        | 1      |
|          |        |                | 330.0          | 3.0        | 1      |
|          |        |                | 336.0<br>349.0 | 3.0<br>4.0 | 1<br>1 |
|          |        |                | 354.0          | 3.0        | 1      |
|          |        |                | 358.0          | 2.0        | 1      |
|          |        |                |                |            | _      |

|    |   |       | 393.0          | 3.0        | 1      |
|----|---|-------|----------------|------------|--------|
|    |   |       | 396.0          | 3.0        | 1      |
|    |   |       | 397.0          | 3.0        | 1      |
|    |   | T     | 407.0          | 4.0        | 1      |
|    |   | True  | 139.0<br>192.0 | 4.0<br>4.0 | 1<br>1 |
|    |   |       | 391.0          | 3.0        | 1      |
|    | 1 | False | 161.0          | 3.0        | 1      |
|    | _ |       | 174.0          | 4.0        | 1      |
|    |   |       | 246.0          | 4.0        | 1      |
|    |   |       | 252.0          | 4.0        | 1      |
| 62 | 0 | False | 399.0          | 2.0        | 1      |
|    |   |       | 395.0          | 3.0        | 1      |
| 60 | 1 | False | 379.0<br>213.0 | 3.0<br>4.0 | 1<br>1 |
| 00 | _ | raise | 296.0          | 2.0        | 1      |
|    |   |       | 305.0          | 2.0        | 1      |
|    |   |       | 317.0          | 3.0        | 1      |
|    |   |       | 333.0          | 4.0        | 1      |
|    |   |       | 365.0          | 2.0        | 1      |
| 61 | 0 | Foloo | 1000.0         | 4.0        | 1      |
| 61 | 0 | False | 120.0<br>130.0 | 4.0<br>4.0 | 1<br>1 |
|    |   |       | 191.0          | 4.0        | 1      |
|    |   |       | 223.0          | 2.0        | 1      |
|    |   |       | 232.0          | 4.0        | 1      |
|    |   |       | 246.0          | 2.0        | 1      |
|    |   |       | 259.0          | 4.0        | 1      |
|    |   |       | 290.0          | 4.0        | 1      |
|    |   |       | 301.0          | 4.0        | 1      |
|    |   |       | 336.0<br>362.0 | 4.0<br>2.0 | 1<br>1 |
| 60 | 1 | False | 255.0          | 4.0        | 1      |
|    | _ |       | 201.0          | 4.0        | 1      |
| 62 | 0 | False | 369.0          | 4.0        | 1      |
| 60 | 1 | False | 136.0          | 1.0        | 1      |
|    | 0 | False | 309.0          | 4.0        | 1      |
|    |   |       | 318.0          | 4.0        | 1      |
|    |   |       | 328.0<br>334.0 | 4.0<br>3.0 | 1<br>1 |
|    |   |       | 344.0          | 4.0        | 1      |
|    |   |       | 350.0          | 3.0        | 1      |
|    |   |       | 351.0          | 2.0        | 1      |
|    |   |       |                | 4.0        | 1      |
|    |   |       | 371.0          | 4.0        | 1      |
|    |   |       | 372.0          | 4.0        | 1      |
|    |   | True  | 379.0<br>120.0 | 2.0<br>2.0 | 1<br>1 |
|    |   | TTUE  | 145.0          | 3.0        | 1      |
|    |   |       | 276.0          | 4.0        | 1      |
|    |   |       | 342.0          | 2.0        | 1      |
|    | 1 | False | 120.0          | 4.0        | 1      |
|    |   |       | 131.0          | 4.0        | 1      |
| 61 | 0 | False | 365.0          | 4.0        | 1      |
|    |   |       | 382.0<br>400.0 | 1.0<br>4.0 | 1<br>1 |
|    |   |       | 413.0          | 4.0        | 1      |
| 62 | 0 | False | 180.0          | 4.0        | 1      |
|    |   |       | 187.0          | 4.0        | 1      |
|    |   |       | 202.0          | 2.0        | 1      |
|    |   |       | 207.0          | 3.0        | 1      |
|    |   |       | 212.0          | 1.0        | 1      |
|    |   |       | 213.0          | 1.0        | 1      |
|    |   |       | 291.0<br>299.0 | 4.0<br>1.0 | 1<br>1 |
|    |   |       | 308.0          | 4.0        | 1      |
|    |   |       | 200.0          |            |        |

| 332.0  |    |   |       | 318.0 | 3.0 | 1 |
|--|----|---|-------|-------|-----|---|
| 343.0  |    |   |       |       |     |   |
| Section   Sect   |    |   |       |       |     |   |
| Section   Sect   |    |   |       |       |     |   |
| Second   S   |    |   |       |       |     |   |
| 367.0  |    |   |       |       |     |   |
| 61 0 True 306.0 2.0 1 False 415.0 3.0 1 63.0 4.0 1 False 415.0 3.0 1 435.0 4.0 1 435.0 4.0 1 435.0 3.0 1 435.0 3.0 1 435.0 3.0 1 435.0 3.0 1 683.0 2.0 1 716.0 4.0 1 True 141.0 3.0 1 1 False 400.0 4.0 1 1 False 400.0 4.0 1 0 True 353.0 4.0 1 363.0 2.0 1 372.0 2.0 1 372.0 2.0 1 372.0 2.0 1 372.0 2.0 1 372.0 2.0 1 372.0 2.0 1 372.0 2.0 1 372.0 2.0 1 372.0 2.0 1 372.0 2.0 1 372.0 2.0 1 372.0 2.0 1 372.0 2.0 1 372.0 1.0 1 65 1 False 284.0 4.0 1 295.0 4.0 1 297.0 3.0 1 69 0 False 172.0 2.0 1 303.0 4.0 1 311.0 2.0 1 311.0 2.0 1 311.0 2.0 1 311.0 2.0 1 311.0 2.0 1 311.0 2.0 1 311.0 2.0 1 311.0 2.0 1 311.0 2.0 1 311.0 3.0 1 31.0 3.0 1 31.0 3.0 1 31.0 1 31.0 3.0 1 31.0 1 31.0 1 31.0 1 31.0 1 31.0 1 31.0 1 31.0 1 31 |    |   |       |       |     |   |
| 61 0 True 306.0 2.0 1 False 415.0 3.0 1 435.0 4.0 1 458.0 3.0 1 668.0 2.0 1 716.0 4.0 1 716.0 4.0 1 710.0 353.0 4.0 1 363.0 2.0 1 372.0 2.0 1 372.0 2.0 1 389.0 4.0 1 1 False 315.0 4.0 1 1 False 315.0 4.0 1 1 False 284.0 4.0 1 297.0 3.0 1 303.0 1 69 0 False 172.0 2.0 1 303.0 4.0 1 310.0 4.0 1 311.0 2.0 1 311.0 3.0 1 311.0 1 3 |    |   |       |       |     |   |
| 61 0 True 306.0 2.0 1 False 415.0 3.0 1 458.0 3.0 1 458.0 3.0 1 6683.0 2.0 1 716.0 4.0 1 7 |    |   |       |       |     |   |
| False  |    |   |       |       |     |   |
| 435.0  | 61 | 0 |       |       |     |   |
| 458.0 3.0 1 683.0 2.0 1 716.0 4.0 1 716.0 4.0 1 141.0 3.0 1 228.0 2.0 1 319.0 4.0 1 1 False 400.0 4.0 1 0 True 353.0 4.0 1 363.0 2.0 1 372.0 2.0 1 372.0 2.0 1 372.0 2.0 1 372.0 2.0 1 372.0 2.0 1 372.0 2.0 1 372.0 2.0 1 372.0 1.0 1 65 1 False 284.0 4.0 1 295.0 4.0 1 297.0 3.0 1 69 0 False 172.0 2.0 1 303.0 4.0 1 310.0 4.0 1 311.0 2.0 1 311.0 1.0 1 311.0 2.0 1 310.0 1 3 |    |   | False |       |     |   |
| 683.0  |    |   |       |       |     |   |
| True 141.0 3.0 1  228.0 2.0 1  319.0 4.0 1  1 False 400.0 4.0 1  0 True 353.0 4.0 1  361.0 4.0 1  363.0 2.0 1  372.0 2.0 1  389.0 4.0 1  1 False 315.0 4.0 1  321.0 1.0 1  65 1 False 284.0 4.0 1  297.0 3.0 1  69 0 False 172.0 2.0 1  303.0 4.0 1  237.0 3.0 1  69 0 False 172.0 2.0 1  311.0 2.0 1  311.0 2.0 1  311.0 2.0 1  311.0 2.0 1  311.0 2.0 1  311.0 2.0 1  311.0 2.0 1  311.0 2.0 1  311.0 2.0 1  311.0 2.0 1  311.0 2.0 1  311.0 2.0 1  311.0 2.0 1  312.0 4.0 1  311.0 2.0 1  312.0 4.0 1  311.0 2.0 1  311.0 2.0 1  311.0 3.0 1  310.0 3.0 1  310.0 3.0 1  310.0 3.0 1  310.0 3.0 1  310.0 3.0 1  310.0 3.0 1  310.0 3.0 |    |   |       |       |     |   |
| True 141.0 3.0 1 228.0 2.0 1 319.0 4.0 1 1 False 400.0 4.0 1 0 True 353.0 4.0 1 361.0 4.0 1 363.0 2.0 1 372.0 2.0 1 372.0 2.0 1 389.0 4.0 1 1 False 315.0 4.0 1 295.0 4.0 1 297.0 3.0 1 69 0 False 172.0 2.0 1 303.0 4.0 1 237.0 3.0 1 69 172.0 2.0 1 311.0 2.0 1 303.0 4.0 1 311.0 2.0 1 311.0 2.0 1 311.0 2.0 1 311.0 2.0 1 311.0 2.0 1 311.0 2.0 1 311.0 3.0 4.0 1 311.0 2.0 1 311.0 3.0 4.0 1 311.0 3.0 1 31.0 1 31.0 1 31.0 1 31.0 1 31.0 1 31.0 1 31.0 1 31.0 1 31.0 1 3 |    |   |       |       |     |   |
| 228.0  |    |   | True  |       |     |   |
| 319.0  |    |   | 11 40 |       |     |   |
| 0 True 353.0 4.0 1 361.0 4.0 1 363.0 2.0 1 372.0 2.0 1 389.0 4.0 1 1 False 315.0 4.0 1 291.0 1.0 1 65 1 False 284.0 4.0 1 295.0 4.0 1 297.0 3.0 1 69 0 False 172.0 2.0 1 303.0 4.0 1 265.0 2.0 1 303.0 4.0 1 311.0 2.0 1 311.0 2.0 1 311.0 2.0 1 311.0 2.0 1 311.0 2.0 1 311.0 2.0 1 312.0 4.0 1 315.0 2.0 1 319.0 1.0 1 319.0 1.0 1 319.0 1.0 1 319.0 1.0 1 319.0 1.0 1 319.0 1.0 1 319.0 1.0 1 319.0 1.0 1 319.0 1.0 1 319.0 1.0 1 319.0 1.0 1 319.0 1.0 1 319.0 1.0 1 319.0 1.0 1 319.0 1.0 1 319.0 1.0 1 336.0 3.0 1 177.0 4.0 1 361.0 4.0 1 362.0 3.0 1 177.0 4.0 1 568 0 True 345.0 4.0 1 77ue 266.0 1.0 1 77ue 266.0 1.0 1 77ue 266.0 1.0 1 77ue 260.0 1.0 1 332.0 1.0 1 332.0 1.0 1 333.0 1.0 1 333.0 1.0 1 333.0 1.0 1 341.0 3.0 1 341.0 3.0 1 341.0 3.0 1 341.0 3.0 1 341.0 3.0 1 341.0 3.0 1 341.0 3.0 1 333.0 1 333.0 1 30.0  |    |   |       |       |     |   |
| 361.0  |    | 1 | False | 400.0 | 4.0 | 1 |
| 363.0  |    | 0 | True  |       |     |   |
| 372.0  |    |   |       |       |     |   |
| 389.0  |    |   |       |       |     |   |
| 1 False 315.0 4.0 1 321.0 1.0 1 65 1 False 284.0 4.0 1 295.0 4.0 1 297.0 3.0 1 69 0 False 172.0 2.0 1 237.0 3.0 1 265.0 2.0 1 303.0 4.0 1 310.0 4.0 1 311.0 2.0 1 312.0 4.0 1 315.0 2.0 1 319.0 1.0 1 319.0 1.0 1 329.0 4.0 1 339.0 2.0 1 330.0 2.0 1 330.0 2.0 1 314.0 3.0 1 341.0 3.0 1 351.0 2.0 1 371.0 1 381.0 1 381.0 1 381. |    |   |       |       |     |   |
| 321.0  |    | 1 | False |       |     |   |
| 65   |    |   | raise |       |     |   |
| 295.0  | 65 | 1 | False |       |     |   |
| 69 0 False 172.0 2.0 1 237.0 3.0 1 265.0 2.0 1 303.0 4.0 1 310.0 4.0 1 311.0 2.0 1 315.0 2.0 1 319.0 1.0 1 329.0 4.0 1 330.0 2.0 1 330.0 2.0 1 331.0 3.0 1.0 1 329.0 4.0 1 331.0 3.0 1.0 1 361.0 3.0 1 361.0 4.0 1 362.0 3.0 1 177.0 4.0 1 False 289.0 4.0 1 False 289.0 4.0 1 False 289.0 4.0 1 False 292.0 2.0 1 7rue 266.0 1.0 1 False 292.0 2.0 1 332.0 1.0 1 332.0 1.0 1 332.0 1.0 1 335.0 1.0 1 336.0 2.0 1 337.0 4.0 1 339.0 2.0 1 337.0 4.0 1 339.0 2.0 1 337.0 4.0 1 339.0 2.0 1  |    |   |       |       |     |   |
| 237.0 3.0 1 265.0 2.0 1 303.0 4.0 1 310.0 4.0 1 311.0 2.0 1 312.0 4.0 1 315.0 2.0 1 319.0 1.0 1 329.0 4.0 1 330.0 2.0 1 330.0 2.0 1 331.0 3.0 1.0 1 336.0 3.0 1 341.0 3.0 1 341.0 3.0 1 341.0 3.0 1 341.0 3.0 1 361.0 4.0 1 362.0 3.0 1 177.0 4.0 1 362.0 3.0 1 177.0 4.0 1 False 289.0 4.0 1 True 266.0 1.0 1 False 289.0 4.0 1 False 292.0 2.0 1 294.0 4.0 1 295.0 4.0 1 332.0 1.0 1 336.0 2.0 1 337.0 4.0 1 337.0 4.0 1 339.0 2.0 1 337.0 4.0 1 379.0 2.0 1 379.0 2.0 1 379.0 2.0 1   |    |   |       | 297.0 | 3.0 |   |
| 265.0  | 69 | 0 | False |       |     |   |
| 303.0  |    |   |       |       |     |   |
| 310.0  |    |   |       |       |     |   |
| 311.0  |    |   |       |       |     |   |
| 312.0  |    |   |       |       |     |   |
| 319.0  |    |   |       |       |     |   |
| 329.0  |    |   |       | 315.0 | 2.0 | 1 |
| 330.0 2.0 1 333.0 1.0 1 336.0 3.0 1 341.0 3.0 1 341.0 3.0 1 351.0 2.0 1 361.0 4.0 1 362.0 3.0 1 177.0 4.0 1 False 289.0 4.0 1 False 289.0 4.0 1 True 266.0 1.0 1 False 292.0 2.0 1 294.0 4.0 1 295.0 4.0 1 332.0 1.0 1 337.0 4.0 1 359.0 2.0 1 360.0 4.0 1 377.0 4.0 1 379.0 2.0 1 379.0 2.0 1 379.0 2.0 1   |    |   |       |       |     |   |
| 333.0  |    |   |       |       |     |   |
| 336.0 3.0 1 341.0 3.0 1 343.0 1.0 1 351.0 2.0 1 361.0 4.0 1 362.0 3.0 1 177.0 4.0 1 False 289.0 4.0 1 True 266.0 1.0 1 False 292.0 2.0 1 294.0 4.0 1 295.0 4.0 1 332.0 1.0 1 336.0 2.0 1 337.0 4.0 1 359.0 2.0 1 360.0 4.0 1 377.0 4.0 1 379.0 2.0 1 379.0 2.0 1   |    |   |       |       |     |   |
| 341.0 3.0 1 343.0 1.0 1 351.0 2.0 1 361.0 4.0 1 362.0 3.0 1 177.0 4.0 1 False 289.0 4.0 1 True 266.0 1.0 1 False 292.0 2.0 1 294.0 4.0 1 295.0 4.0 1 332.0 1.0 1 337.0 4.0 1 359.0 2.0 1 377.0 4.0 1 379.0 2.0 1 379.0 2.0 1   |    |   |       |       |     |   |
| 343.0  |    |   |       |       |     |   |
| 351.0 2.0 1 361.0 4.0 1 362.0 3.0 1 177.0 4.0 1 68 0 True 345.0 4.0 1 False 289.0 4.0 1 True 266.0 1.0 1 False 292.0 2.0 1 294.0 4.0 1 295.0 4.0 1 332.0 1.0 1 336.0 2.0 1 337.0 4.0 1 359.0 2.0 1 377.0 4.0 1 379.0 2.0 1 379.0 2.0 1   |    |   |       |       |     |   |
| 361.0 4.0 1 362.0 3.0 1 177.0 4.0 1 177.0 4.0 1 68 0 True 345.0 4.0 1 False 289.0 4.0 1 True 266.0 1.0 1 False 292.0 2.0 1 294.0 4.0 1 295.0 4.0 1 332.0 1.0 1 336.0 2.0 1 337.0 4.0 1 359.0 2.0 1 360.0 4.0 1 377.0 4.0 1 379.0 2.0 1 379.0 2.0 1   |    |   |       |       |     |   |
| 177.0 4.0 1 68 0 True 345.0 4.0 1 False 289.0 4.0 1 True 266.0 1.0 1 False 292.0 2.0 1 294.0 4.0 1 295.0 4.0 1 332.0 1.0 1 336.0 2.0 1 337.0 4.0 1 359.0 2.0 1 377.0 4.0 1 379.0 2.0 1 379.0 2.0 1   |    |   |       |       |     |   |
| 68 0 True 345.0 4.0 1 False 289.0 4.0 1 True 266.0 1.0 1 False 292.0 2.0 1 294.0 4.0 1 295.0 4.0 1 332.0 1.0 1 336.0 2.0 1 337.0 4.0 1 359.0 2.0 1 377.0 4.0 1 379.0 2.0 1 379.0 2.0 1   |    |   |       | 362.0 | 3.0 | 1 |
| False 289.0 4.0 1 True 266.0 1.0 1 False 292.0 2.0 1 294.0 4.0 1 295.0 4.0 1 332.0 1.0 1 336.0 2.0 1 337.0 4.0 1 359.0 2.0 1 360.0 4.0 1 377.0 4.0 1 379.0 2.0 1 394.0 4.0 1   |    |   |       |       |     |   |
| True 266.0 1.0 1 False 292.0 2.0 1 294.0 4.0 1 295.0 4.0 1 332.0 1.0 1 336.0 2.0 1 337.0 4.0 1 359.0 2.0 1 360.0 4.0 1 377.0 4.0 1 379.0 2.0 1 394.0 4.0 1   | 68 | 0 |       |       |     |   |
| False 292.0 2.0 1 294.0 4.0 1 295.0 4.0 1 332.0 1.0 1 336.0 2.0 1 337.0 4.0 1 359.0 2.0 1 360.0 4.0 1 377.0 4.0 1 379.0 2.0 1 379.0 2.0 1 394.0 4.0 1  |    |   |       |       |     |   |
| 294.0       4.0       1         295.0       4.0       1         332.0       1.0       1         336.0       2.0       1         337.0       4.0       1         359.0       2.0       1         360.0       4.0       1         377.0       4.0       1         379.0       2.0       1         394.0       4.0       1  |    |   |       |       |     |   |
| 295.0       4.0       1         332.0       1.0       1         336.0       2.0       1         337.0       4.0       1         359.0       2.0       1         360.0       4.0       1         377.0       4.0       1         379.0       2.0       1         394.0       4.0       1  |    |   | raise |       |     |   |
| 332.0       1.0       1         336.0       2.0       1         337.0       4.0       1         359.0       2.0       1         360.0       4.0       1         377.0       4.0       1         379.0       2.0       1         394.0       4.0       1  |    |   |       |       |     |   |
| 337.0       4.0       1         359.0       2.0       1         360.0       4.0       1         377.0       4.0       1         379.0       2.0       1         394.0       4.0       1  |    |   |       |       |     |   |
| 359.0       2.0       1         360.0       4.0       1         377.0       4.0       1         379.0       2.0       1         394.0       4.0       1  |    |   |       | 336.0 |     | 1 |
| 360.0       4.0       1         377.0       4.0       1         379.0       2.0       1         394.0       4.0       1  |    |   |       |       |     |   |
| 377.0       4.0       1         379.0       2.0       1         394.0       4.0       1  |    |   |       |       |     |   |
| 379.0 2.0 1<br>394.0 4.0 1   |    |   |       |       |     |   |
| 394.0 4.0 1  |    |   |       |       |     |   |
|  |    |   |       |       |     |   |
|  |    |   |       |       |     |   |
| 408.0 2.0 1  |    |   |       |       |     |   |

|    |        |                | 413.0          | 3.0        | 1      |
|----|--------|----------------|----------------|------------|--------|
|    |        |                | 424.0          | 4.0        | 1      |
|    |        |                | 1437.0         | 4.0        | 1      |
|    |        | True           | 203.0          | 3.0        | 1      |
| 69 | 0      | False          | 367.0          | 4.0        | 1      |
|    |        |                | 368.0          | 4.0        | 1      |
|    |        |                | 371.0          | 4.0        | 1      |
| 70 | 0      | Годоо          | 390.0          | 2.0        | 1      |
| 70 | 0      | False          | 221.0          | 4.0        | 1<br>1 |
|    |        |                | 263.0<br>315.0 | 4.0<br>4.0 | 1      |
|    |        |                | 316.0          | 4.0        | 1      |
|    |        |                | 319.0          | 4.0        | 1      |
|    |        |                | 324.0          | 4.0        | 1      |
|    |        |                | 327.0          | 3.0        | 1      |
|    |        |                | 350.0          | 2.0        | 1      |
|    |        |                | 351.0          | 2.0        | 1      |
|    |        |                | 358.0          | 3.0        | 1      |
|    |        |                | 368.0          | 4.0        | 1      |
|    |        |                | 369.0          | 2.0        | 1      |
|    |        |                | 371.0          | 4.0        | 1      |
|    |        |                | 385.0          | 2.0        | 1<br>1 |
|    |        |                | 391.0<br>609.0 | 4.0<br>2.0 | 1      |
|    |        |                | 712.0          | 4.0        | 1      |
|    |        |                | 198.0          | 4.0        | 1      |
|    |        |                | 187.0          | 4.0        | 1      |
|    |        |                | 183.0          | 4.0        | 1      |
| 69 | 0      | True           | 458.0          | 4.0        | 1      |
|    |        | False          | 402.0          | 4.0        | 1      |
|    |        |                | 408.0          | 4.0        | 1      |
|    |        |                | 412.0          | 4.0        | 1      |
|    |        | True           | 286.0          | 3.0        | 1      |
|    |        |                | 314.0          | 4.0        | 1      |
|    |        |                | 377.0          | 4.0        | 1      |
|    | 1      | Folso          | 400.0          | 3.0        | 1<br>1 |
| 70 | 1<br>0 | False<br>False | 208.0<br>156.0 | 2.0<br>4.0 | 1      |
| 69 | 1      | False          | 353.0          | 4.0        | 1      |
| 00 | _      | 1 4130         | 392.0          | 1.0        | 1      |
|    |        | True           | 159.0          | 4.0        | 1      |
|    |        |                | 215.0          | 4.0        | 1      |
| 70 | 0      | False          | 125.0          | 4.0        | 1      |
|    |        |                | 134.0          | 4.0        | 1      |
|    |        |                | 150.0          | 4.0        | 1      |
| 68 | 0      | False          | 291.0          | 4.0        | 1      |
|    |        |                | 254.0          | 4.0        | 1      |
| 65 | 1      | False          | 353.0          | 4.0        | 1      |
| 66 | 0      | False          | 357.0          | 2.0<br>4.0 | 1      |
|    |        |                | 371.0<br>383.0 | 4.0        | 1<br>1 |
|    |        |                | 389.0          | 4.0        | 1      |
|    |        |                | 399.0          | 2.0        | 1      |
|    |        |                | 400.0          | 4.0        | 1      |
|    |        |                | 582.0          | 4.0        | 1      |
|    |        |                | 604.0          | 3.0        | 1      |
|    |        | True           | 298.0          | 3.0        | 1      |
|    |        |                | 403.0          | 4.0        | 1      |
|    | 1      | False          | 174.0          | 4.0        | 1      |
|    |        |                | 177.0          | 4.0        | 1      |
|    |        |                | 303.0          | 3.0        | 1      |
| 67 | C.     | False          | 335.0          | 2.0        | 1      |
| 67 | 0      | гатае          | 126.0<br>150.0 | 2.0<br>4.0 | 1<br>1 |
|    |        |                | 156.0          | 4.0        | 1      |
|    |        |                | 170.0          | 1.0        | 1      |
|    |        |                |                |            |        |

| 66    | 0 | False         | 364.0          | 4.0        | 1      |
|-------|---|---------------|----------------|------------|--------|
|       |   |               | 347.0          | 2.0        | 1      |
| 68    | 0 | False         | 247.0          | 3.0        | 1      |
| 66    | 0 | False         | 337.0          | 2.0        | 1      |
|       |   |               | 141.0          | 1.0        | 1      |
|       |   |               | 142.0          | 3.0        | 1      |
|       |   |               | 149.0          | 3.0        | 1      |
|       |   |               | 170.0          | 2.0        | 1      |
|       |   |               | 207.0<br>218.0 | 3.0<br>1.0 | 1<br>1 |
|       |   |               | 232.0          | 2.0        | 1      |
|       |   |               | 251.0          | 1.0        | 1      |
|       |   |               | 255.0          | 1.0        | 1      |
|       |   |               | 280.0          | 2.0        | 1      |
|       |   |               | 294.0          | 3.0        | 1      |
|       |   |               | 295.0          | 2.0        | 1      |
|       |   |               | 312.0          | 4.0        | 1      |
|       |   |               | 317.0          | 3.0        | 1      |
|       |   |               | 318.0          | 2.0        | 1      |
|       |   |               | 323.0          | 4.0        | 1      |
| 0.7   | 0 | <b>5</b> -1   | 332.0          | 4.0        | 1      |
| 67    | 0 | False         | 183.0          | 2.0        | 1      |
|       |   |               | 305.0<br>313.0 | 4.0<br>4.0 | 1<br>1 |
|       |   |               | 315.0          | 4.0        | 1      |
|       |   | True          | 359.0          | 4.0        | 1      |
|       |   | 11 40         | 899.0          | 4.0        | 1      |
|       | 1 | False         | 165.0          | 3.0        | 1      |
|       |   |               | 251.0          | 4.0        | 1      |
|       |   |               | 315.0          | 1.0        | 1      |
|       |   |               | 337.0          | 3.0        | 1      |
|       |   |               | 368.0          | 2.0        | 1      |
|       |   | T             | 522.0          | 4.0        | 1      |
| 68    | 0 | True<br>False | 226.0<br>120.0 | 4.0<br>2.0 | 1<br>1 |
| 00    | U | raise         | 140.0          | 4.0        | 1      |
|       |   |               | 155.0          | 4.0        | 1      |
|       |   |               | 170.0          | 4.0        | 1      |
|       |   |               | 210.0          | 3.0        | 1      |
|       |   |               | 214.0          | 3.0        | 1      |
|       |   |               | 238.0          | 4.0        | 1      |
|       |   |               | 246.0          | 4.0        | 1      |
| 67    | 0 | True          | 325.0          | 2.0        | 1      |
|       |   |               | 320.0          | 4.0        | 1      |
|       |   | Foloo         | 300.0          | 4.0        | 1      |
|       |   | False         | 372.0<br>327.0 | 3.0<br>3.0 | 1<br>1 |
|       |   |               | 332.0          | 2.0        | 1      |
|       |   |               | 334.0          | 2.0        | 1      |
|       |   |               | 343.0          | 4.0        | 1      |
|       |   |               | 354.0          | 3.0        | 1      |
|       |   |               |                | 4.0        | 1      |
|       |   |               | 364.0          | 4.0        | 1      |
|       |   | T             | 372.0          | 4.0        | 1      |
|       |   | True          | 283.0          | 4.0        | 1      |
|       |   | False         | 375.0<br>388.0 | 4.0<br>4.0 | 1<br>1 |
|       |   |               | 394.0          | 4.0        | 1      |
|       |   |               | 416.0          | 4.0        | 1      |
|       |   |               | 460.0          | 4.0        | 1      |
|       |   |               | 525.0          | 3.0        | 1      |
|       |   | True          | 120.0          | 4.0        | 1      |
| 78    | 1 | True          | 673.0          | 1.0        | 1      |
| int64 | ŀ |               |                |            |        |

dtype: int64

D

```
In [231... final_table.head()
```

|   | Status | Age | Sex | Ascites | Cholesterol | Stage |
|---|--------|-----|-----|---------|-------------|-------|
| 0 | D      | 58  | 0   | True    | 261.0       | 4.0   |
| 1 | С      | 56  | 0   | False   | 302.0       | 3.0   |
| 2 | D      | 70  | 1   | False   | 176.0       | 4.0   |
| 3 | D      | 54  | 0   | False   | 244.0       | 4.0   |
| 4 | CL     | 38  | 0   | False   | 279.0       | 3.0   |

Out[231]:

```
In [232... # Your existing final_table DataFrame
         # Replace this with your actual data
         # Assuming your DataFrame already has 'Age', 'Sex', and 'Ascites' columns
         # You can add more columns as needed
         # Group by 'Age', 'Sex', and 'Ascites' and count occurrences
         result = final_table.groupby(['Age', 'Sex', 'Ascites']).size().reset_index(name='Count')
         # Pivot the table
         pivot_table = result.pivot_table(index=['Age', 'Sex'], columns='Ascites', values='Count'
         # Convert column names to strings
         pivot_table.columns = pivot_table.columns.map(str)
         # Flatten the MultiIndex column headers by joining levels
         pivot_table.columns = [' '.join(col).strip() for col in pivot_table.columns.values]
         # Reset the index
         pivot_table.reset_index(inplace=True)
         # Print the resulting pivot table
         print(pivot_table)
```

| Age | Sex  | False T  | r u e   |
|-----|--|--|---|
| 26  | 0  | 6  | 0   |
| 27  | 0  | 2  | 0   |
| 27  | 1  | 1  | 0   |
| 28  | 0  | 2  | 2   |
| 29  | 0  | 4  | 1   |
| 29  | 1  | 2  | 0   |
| 30  | 0  | 8  | 0   |
| 30  | 1  | 1  | 0   |
| 31  | 0  | 2  | 1   |
| 31  | 1  | 1  | 0   |
| 32  | 0  | 8  | 0   |
| 32  | 1  | 1  | 0   |
| 33  | 0  | 10   | 0   |
| 33  | 1  | 2  | 0   |
| 34  | 0  | 9  | 1   |
| 35  | 0  | 15   | 0   |
| 35  | 1  | 2  | 0   |
| 36  | 0  | 18   | 1   |
| 36  | 1  | 1  | 1   |
| 37  | 0  | 20   | 2   |
| 37  | 1  | 2  | 0   |
| 38  | 0  | 21   | 4   |
| 38  | 1  | 0  | 1   |
| 39  | 0  | 14   | 2   |
| 39  | 1  | 3  | 0   |
| 40  | 0  | 18   | 2   |
| 40  | 1  | 4  | 0   |
| 41  | Θ  | 31   | 3   |
|     | 26<br>27<br>27<br>28<br>29<br>29<br>30<br>31<br>31<br>32<br>32<br>33<br>34<br>35<br>36<br>36<br>37<br>37<br>38<br>38<br>39<br>40<br>40 | 26 0<br>27 0<br>27 1<br>28 0<br>29 0<br>29 1<br>30 0<br>30 1<br>31 0<br>31 1<br>32 0<br>32 1<br>33 0<br>33 1<br>34 0<br>35 0<br>35 1<br>36 0<br>36 1<br>37 0<br>37 1<br>38 0<br>38 1<br>39 0<br>39 1<br>40 0<br>40 1 | 26       0       6         27       0       2         27       1       1         28       0       2         29       0       4         29       1       2         30       0       8         30       1       1         31       0       2         31       1       1         32       0       8         32       1       1         33       0       10         33       1       2         34       0       9         35       0       15         35       1       2         36       0       18         36       1       1         37       0       20         37       1       2         38       0       21         38       1       0         39       0       14         39       1       3         40       0       18         40       1       4 |

| 28       | 41       | 1      | 1        | 1      |
|----------|----------|--------|----------|--------|
| 29       | 42       | 0      | 31       | 1      |
| 30       | 42       | 1      | 1        | 1      |
| 31       | 43       | 0      | 22       | 4      |
| 32       | 43       | 1      | 6        | 2      |
| 33       | 44       | 0      | 35       | 6      |
| 34       | 44       | 1      | 9        | 1      |
| 35       | 45<br>45 | 0      | 28       | 5      |
| 36<br>37 | 45<br>46 | 1<br>0 | 8<br>35  | 1<br>4 |
| 38       | 46       | 1      | 2        | 0      |
| 39       | 47       | 0      | 40       | 7      |
| 40       | 47       | 1      | 4        | 1      |
| 41       | 48       | Θ      | 44       | 5      |
| 42       | 48       | 1      | 5        | 1      |
| 43       | 49       | 0      | 53       | 3      |
| 44       | 49       | 1      | 7        | 0      |
| 45       | 50       | 0      | 38       | 8      |
| 46       | 50       | 1      | 4        | 0      |
| 47<br>48 | 51<br>51 | 0<br>1 | 40<br>6  | 4      |
| 49       | 52       | 0      | 44       | 0<br>9 |
| 50       | 52       | 1      | 12       | 1      |
| 51       | 53       | 0      | 47       | 7      |
| 52       | 53       | 1      | 7        | 0      |
| 53       | 54       | 0      | 63       | 4      |
| 54       | 54       | 1      | 9        | 1      |
| 55       | 55       | 0      | 54       | 7      |
| 56       | 55       | 1      | 8        | 1      |
| 57       | 56       | 0      | 69       | 10     |
| 58       | 56       | 1      | 7        | 0      |
| 59<br>60 | 57<br>57 | 0<br>1 | 44<br>7  | 2<br>3 |
| 61       | 58       | 0      | 47       | 8      |
| 62       | 58       | 1      | 6        | 0      |
| 63       | 59       | 0      | 50       | 11     |
| 64       | 59       | 1      | 8        | 3      |
| 65       | 60       | Θ      | 40       | 6      |
| 66       | 60       | 1      | 15       | 0      |
| 67       | 61       | 0      | 35       | 16     |
| 68       | 61       | 1      | 11       | 0      |
| 69       | 62       | 0      | 57       | 5      |
| 70<br>71 | 62<br>63 | 1<br>0 | 5<br>51  | 3<br>5 |
| 71<br>72 | 63       | 1      | 2        | 1      |
| 73       | 64       | 0      | 44       | 5      |
| 74       | 64       | 1      | 10       | 1      |
| 75       | 65       | 0      | 33       | 5      |
| 76       | 65       | 1      | 9        | 0      |
| 77       | 66       | 0      | 41       | 3      |
| 78       | 66       | 1      | 6        | 0      |
| 79       | 67       | 0      | 52       | 8      |
| 80<br>81 | 67<br>68 | 1<br>0 | 9<br>54  | 2<br>5 |
| 82       | 68       | 1      | 5        | 1      |
| 83       | 69       | 0      | 52       | 8      |
| 84       | 69       | 1      | 8        | 3      |
| 85       | 70       | 0      | 56       | 9      |
| 86       | 70       | 1      | 9        | 0      |
| 87       | 71       | 0      | 47       | 6      |
| 88       | 71       | 1      | 10       | 0      |
| 89       | 72       | 0      | 35       | 8      |
| 90<br>91 | 72<br>73 | 1<br>0 | 8<br>42  | 0<br>8 |
| 91<br>92 | 73<br>73 | 1      | 42<br>11 | 2      |
| 93       | 73<br>74 | 0      | 43       | 9      |
| 55       | , -r     | v      | 70       | J      |

```
94
       74
                            8
                                        1
               1
95
       75
                                        4
                           44
               0
                                        2
96
       75
               1
                           11
97
       76
                           56
                                        7
               0
98
       76
               1
                            5
                                        1
99
       77
                           36
                                        5
               0
100
       77
                                        2
               1
                           10
101
                                       39
       78
               0
                          335
102
       78
               1
                           69
                                        3
```

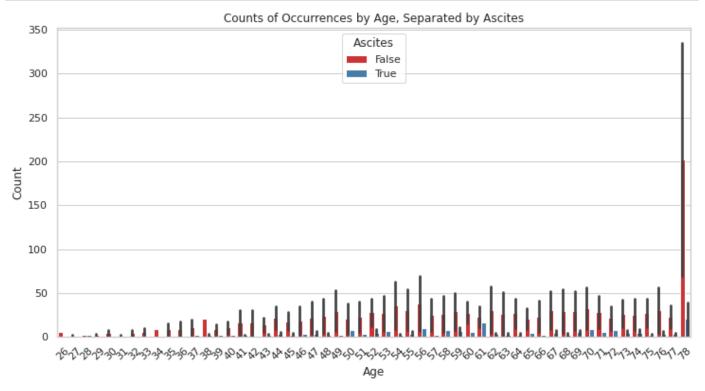
```
In [233... # Assuming your DataFrame is named final_table
    # Group by 'Age', 'Sex', and 'Ascites' and count occurrences
    result = final_table.groupby(['Age', 'Sex', 'Ascites']).size().reset_index(name='Count')
    # Print the resulting table
    print(result)
```

```
Age
           Sex
                 Ascites
                            Count
0
       26
                    False
                                 6
              0
1
       27
                    False
                                 2
              0
2
       27
                                 1
                    False
              1
3
       28
                    False
                                 2
              0
4
       28
                     True
                                 2
              0
5
       29
                    False
                                 4
              0
6
       29
              0
                     True
                                 1
7
       29
                    False
                                 2
              1
8
                                 8
       30
                    False
9
       30
                    False
                                 1
              1
                                 2
10
       31
              0
                    False
11
       31
                                 1
              0
                     True
12
       31
                    False
                                 1
              1
13
       32
              0
                    False
                                 8
14
       32
              1
                    False
                                 1
15
       33
                    False
                                10
              0
16
       33
                    False
                                 2
              1
17
       34
              0
                    False
                                 9
18
       34
                     True
                                 1
              0
19
       35
              0
                    False
                                15
20
       35
                    False
                                 2
              1
21
       36
              0
                    False
                                18
22
       36
                                 1
              0
                     True
23
       36
                    False
                                 1
              1
24
       36
                     True
                                 1
              1
25
       37
                                20
              0
                    False
26
       37
                     True
                                 2
              0
27
                                 2
       37
                    False
              1
28
       38
              0
                    False
                                21
29
       38
              0
                     True
                                 4
30
       38
              1
                     True
                                 1
31
       39
                    False
                                14
              0
32
       39
              0
                     True
                                 2
33
       39
              1
                    False
                                 3
34
       40
              0
                    False
                                18
35
                                 2
       40
                     True
              0
36
       40
                                 4
              1
                    False
37
       41
                    False
                                31
              0
38
       41
              0
                     True
                                 3
39
       41
              1
                    False
                                 1
40
       41
                     True
                                 1
              1
41
       42
              0
                    False
                                31
42
       42
                     True
                                 1
              0
43
       42
              1
                    False
                                 1
44
       42
                                 1
              1
                     True
45
       43
                    False
                                22
              0
46
       43
              0
                     True
                                 4
47
       43
                                 6
              1
                    False
```

| 48         | 43       | 1      | True           | 2        |
|------------|----------|--------|----------------|----------|
| 49         | 44       | 0      | False          | 35       |
| 50         | 44       | 0      | True           | 6        |
| 51         | 44       | 1      | False          | 9        |
| 52         | 44       | 1      | True           | 1        |
| 53         | 45       | 0      | False          | 28       |
| 54<br>55   | 45<br>45 | 0<br>1 | True<br>False  | 5<br>8   |
| 56         | 45<br>45 | 1      | True           | 1        |
| 57         | 46       | 0      | False          | 35       |
| 58         | 46       | 0      | True           | 4        |
| 59         | 46       | 1      | False          | 2        |
| 60         | 47       | 0      | False          | 40       |
| 61         | 47       | 0      | True           | 7        |
| 62         | 47       | 1      | False          | 4        |
| 63         | 47       | 1      | True           | 1        |
| 64<br>65   | 48<br>48 | 0<br>0 | False<br>True  | 44<br>5  |
| 66         | 48       | 1      | False          | 5        |
| 67         | 48       | 1      | True           | 1        |
| 68         | 49       | 0      | False          | 53       |
| 69         | 49       | 0      | True           | 3        |
| 70         | 49       | 1      | False          | 7        |
| 71         | 50       | 0      | False          | 38       |
| 72         | 50       | 0      | True           | 8        |
| 73         | 50       | 1      | False          | 4        |
| 74<br>75   | 51<br>51 | 0      | False          | 40<br>4  |
| 75<br>76   | 51<br>51 | 0<br>1 | True<br>False  | 6        |
| 77         | 52       | 0      | False          | 44       |
| 78         | 52       | 0      | True           | 9        |
| 79         | 52       | 1      | False          | 12       |
| 80         | 52       | 1      | True           | 1        |
| 81         | 53       | 0      | False          | 47       |
| 82         | 53       | 0      | True           | 7        |
| 83<br>84   | 53<br>54 | 1<br>0 | False<br>False | 7<br>63  |
| 85         | 54<br>54 | 0      | True           | 4        |
| 86         | 54       | 1      | False          | 9        |
| 87         | 54       | 1      | True           | 1        |
| 88         | 55       | 0      | False          | 54       |
| 89         | 55       | 0      | True           | 7        |
| 90         | 55       | 1      | False          | 8        |
| 91         | 55       | 1      | True           | 1        |
| 92<br>93   | 56<br>56 | 0<br>0 | False<br>True  | 69<br>10 |
| 93         | 56       | 1      | False          | 7        |
| 95         | 57       | 0      | False          | 44       |
| 96         | 57       | 0      | True           | 2        |
| 97         | 57       | 1      | False          | 7        |
| 98         | 57       | 1      | True           | 3        |
| 99         | 58       | 0      | False          | 47       |
| 100        | 58       | 0      | True           | 8        |
| 101        | 58<br>59 | 1      | False          | 6<br>50  |
| 102<br>103 | 59<br>59 | 0<br>0 | False<br>True  | 50<br>11 |
| 104        | 59       | 1      | False          | 8        |
| 105        | 59       | 1      | True           | 3        |
| 106        | 60       | 0      | False          | 40       |
| 107        | 60       | 0      | True           | 6        |
| 108        | 60       | 1      | False          | 15       |
| 109        | 61       | 0      | False          | 35       |
| 110<br>111 | 61<br>61 | 0<br>1 | True<br>False  | 16<br>11 |
| 112        | 62       | 0      | False          | 57       |
| 113        | 62       | 0      | True           | 5        |
|            |          |        |                |          |

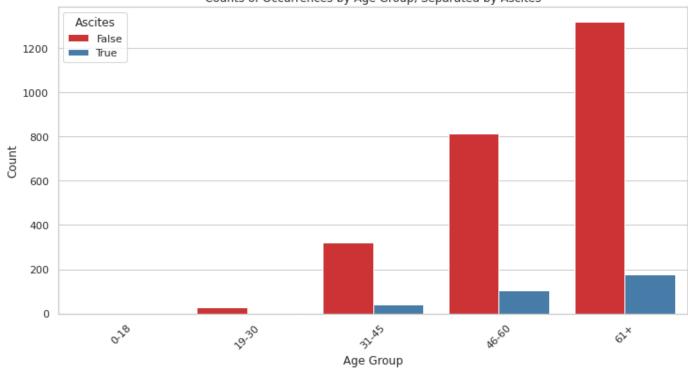
```
114
       62
                    False
                                 5
              1
                                 3
115
       62
                     True
              1
116
       63
                    False
                                51
117
       63
                                 5
              0
                     True
118
       63
                    False
                                 2
              1
                                 1
119
       63
                     True
              1
120
                                44
       64
              0
                    False
121
       64
              0
                     True
                                 5
122
       64
                    False
                                10
              1
123
                                 1
       64
              1
                     True
124
       65
              0
                    False
                                33
125
                                 5
       65
              0
                     True
126
       65
                                 9
              1
                    False
127
       66
                    False
                                41
              0
128
                     True
                                 3
       66
              0
129
       66
                    False
                                 6
              1
                                52
130
       67
                    False
              0
131
                                 8
       67
              0
                     True
132
       67
                    False
                                 9
              1
                                 2
133
       67
                     True
              1
                                54
134
       68
              0
                    False
135
       68
              0
                     True
                                 5
                                 5
136
       68
              1
                    False
137
       68
                     True
                                 1
              1
138
       69
                    False
                                52
              0
                                 8
139
       69
                     True
              0
140
       69
                    False
                                 8
              1
                                 3
141
       69
              1
                     True
142
       70
              0
                    False
                                56
143
       70
                     True
                                 9
              0
144
       70
                    False
                                 9
              1
                                47
145
       71
                    False
146
       71
              0
                     True
                                 6
147
       71
              1
                    False
                                10
148
                                35
       72
                    False
              0
149
       72
              0
                     True
                                 8
150
       72
                    False
                                 8
              1
151
       73
              0
                    False
                                42
152
       73
                     True
                                 8
              0
153
                    False
       73
              1
                                11
154
                                 2
       73
                     True
              1
155
       74
                    False
                                43
              0
156
       74
              0
                     True
                                 9
157
       74
                    False
                                 8
              1
158
       74
              1
                     True
                                 1
159
       75
                                44
                    False
              0
160
       75
              0
                     True
                                 4
161
       75
                    False
                                11
              1
162
       75
                     True
                                 2
              1
163
       76
                    False
                                56
              0
                                 7
164
       76
              0
                     True
165
       76
                    False
                                 5
              1
166
       76
              1
                     True
                                 1
                                36
167
       77
                    False
168
       77
              0
                     True
                                 5
169
       77
              1
                    False
                                10
170
                                 2
       77
                     True
              1
171
       78
              0
                    False
                               335
172
       78
                     True
                                39
              0
173
       78
                    False
                                69
              1
174
       78
                     True
                                 3
              1
```

```
plt.title('Counts of Occurrences by Age, Separated by Ascites')
plt.xlabel('Age')
plt.ylabel('Count')
plt.xticks(rotation=45)
plt.show()
```

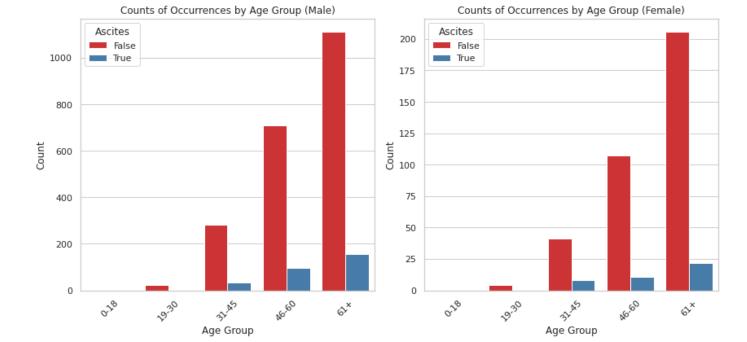


```
In [235... # Assuming your DataFrame is named result
# Create age groups
result['Age Group'] = pd.cut(result['Age'], bins=[0, 18, 30, 45, 60, 100], labels=['0-18]
# Calculate the sum of counts for each age group, separated by Ascites
age_group_counts = result.groupby(['Age Group', 'Ascites'])['Count'].sum().reset_index()
# Create a bar plot using Seaborn
plt.figure(figsize=(12, 6))
sns.barplot(x='Age Group', y='Count', hue='Ascites', data=age_group_counts, palette='Set
plt.title('Counts of Occurrences by Age Group, Separated by Ascites')
plt.xlabel('Age Group')
plt.ylabel('Count')
plt.xticks(rotation=45)
plt.show()
```

## Counts of Occurrences by Age Group, Separated by Ascites



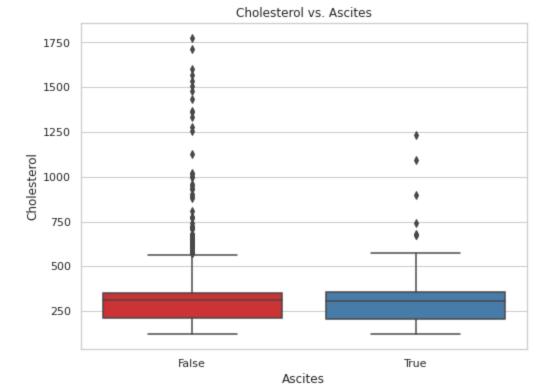
```
In [236...
         # Assuming your DataFrame is named result
         # Create age groups
         result['Age Group'] = pd.cut(result['Age'], bins=[0, 18, 30, 45, 60, 100], labels=['0-18
         # Calculate the sum of counts for each age group, separated by Ascites, and Sex
         age_group_counts = result.groupby(['Age Group', 'Ascites', 'Sex'])['Count'].sum().reset_
         # Filter the data for males
         male_data = age_group_counts[age_group_counts['Sex'] == 0]
         # Filter the data for females
         female_data = age_group_counts[age_group_counts['Sex'] == 1]
         # Create separate bar plots for male and female using Seaborn
         plt.figure(figsize=(12, 6))
         plt.subplot(1, 2, 1) # Create a subplot for males
         sns.barplot(x='Age Group', y='Count', hue='Ascites', data=male_data, palette='Set1', ci=
         plt.title('Counts of Occurrences by Age Group (Male)')
         plt.xlabel('Age Group')
         plt.ylabel('Count')
         plt.xticks(rotation=45)
         plt.subplot(1, 2, 2) # Create a subplot for females
         sns.barplot(x='Age Group', y='Count', hue='Ascites', data=female_data, palette='Set1', c
         plt.title('Counts of Occurrences by Age Group (Female)')
         plt.xlabel('Age Group')
         plt.ylabel('Count')
         plt.xticks(rotation=45)
         plt.tight_layout() # Ensure proper spacing between subplots
         plt.show()
```



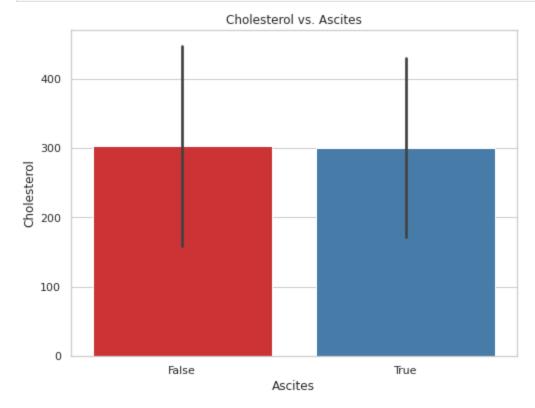
```
In [237... final_table.info()
```

```
<class 'pandas.core.frame.DataFrame'>
Int64Index: 2809 entries, 0 to 10415
Data columns (total 6 columns):
 #
     Column
                  Non-Null Count
                                  Dtype
                  _____
- - -
                                  ----
 0
     Status
                  2809 non-null
                                  object
 1
     Age
                  2809 non-null
                                  int64
 2
                  2809 non-null
                                  int64
     Sex
 3
     Ascites
                  2809 non-null
                                  object
 4
     Cholesterol 2809 non-null
                                  float64
 5
     Stage
                  2809 non-null
                                  float64
dtypes: float64(2), int64(2), object(2)
memory usage: 153.6+ KB
```

```
In [238... # Assuming your DataFrame is named final_table
    plt.figure(figsize=(8, 6))
    sns.boxplot(x='Ascites', y='Cholesterol', data=final_table, palette='Set1')
    plt.title('Cholesterol vs. Ascites')
    plt.xlabel('Ascites')
    plt.ylabel('Cholesterol')
    plt.show()
```



```
In [239... # Assuming your DataFrame is named final_table
    plt.figure(figsize=(8, 6))
    sns.barplot(x='Ascites', y='Cholesterol', data=final_table, ci='sd', palette='Set1')
    plt.title('Cholesterol vs. Ascites')
    plt.xlabel('Ascites')
    plt.ylabel('Cholesterol')
    plt.show()
```



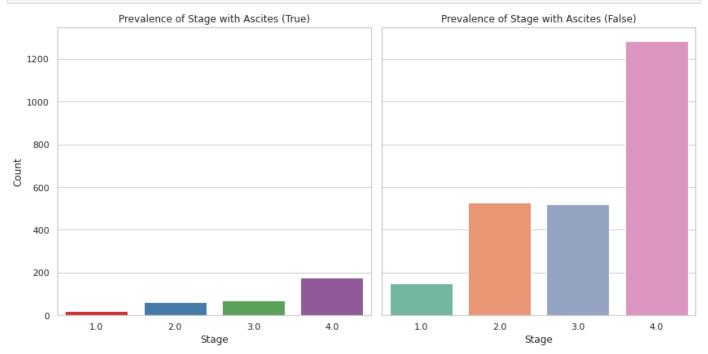
```
In [240... # Create subplots for True and False Ascites
fig, axes = plt.subplots(1, 2, figsize=(12, 6), sharey=True)

# Filter data for True and False Ascites
ascites_true = final_table[final_table['Ascites'] == True]
ascites_false = final_table[final_table['Ascites'] == False]
```

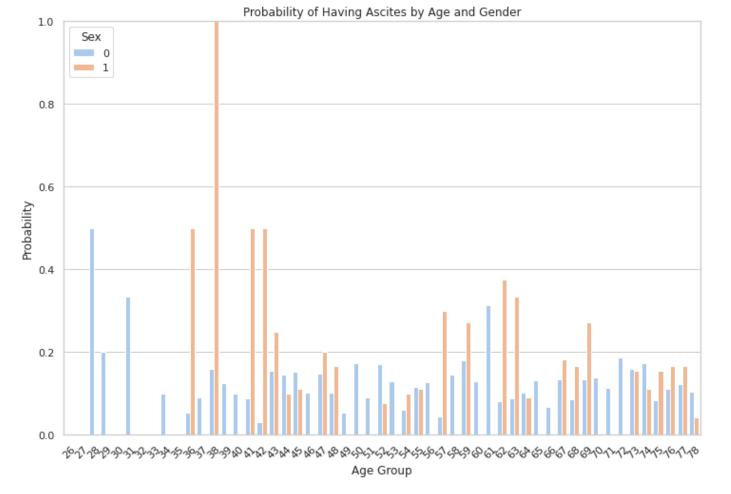
```
# Plot bar charts for each Ascites category
sns.countplot(x='Stage', data=ascites_true, palette='Set1', ax=axes[0])
sns.countplot(x='Stage', data=ascites_false, palette='Set2', ax=axes[1])

# Set titles and labels
axes[0].set_title('Prevalence of Stage with Ascites (True)')
axes[1].set_title('Prevalence of Stage with Ascites (False)')
axes[0].set_xlabel('Stage')
axes[1].set_xlabel('Stage')
axes[0].set_ylabel('Count')
axes[1].set_ylabel('')

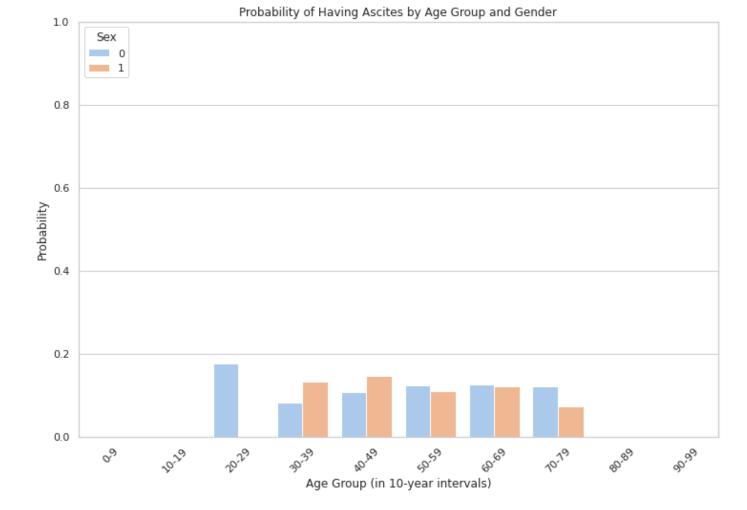
# Adjust spacing between subplots
plt.tight_layout()
plt.show()
```



```
In [241...
         # Calculate probabilities by age, gender, and ascites
         probabilities = final_table.groupby(['Age', 'Sex', 'Ascites']).size().unstack(fill_value
         probabilities['Probability'] = probabilities[True] / (probabilities[True] + probabilitie
         # Reset the index for plotting
         probabilities.reset_index(inplace=True)
         # Create a stacked bar chart
         plt.figure(figsize=(12, 8))
         sns.set(style="whitegrid")
         sns.barplot(x='Age', y='Probability', hue='Sex', data=probabilities, palette='pastel')
         plt.title('Probability of Having Ascites by Age and Gender')
         plt.xlabel('Age Group')
         plt.ylabel('Probability')
         plt.legend(title='Sex', loc='upper left')
         plt.ylim(0, 1) # Set y-axis limit to 0-1 for probabilities
         plt.xticks(rotation=45)
         plt.show()
```



```
# Define age groups in 10-year intervals
In [242...
         final_table['Age Group'] = pd.cut(final_table['Age'], bins=range(0, 101, 10), right=Fals
         # Calculate probabilities by age group, gender, and ascites
         probabilities = final_table.groupby(['Age Group', 'Sex', 'Ascites']).size().unstack(fill
         probabilities['Probability'] = probabilities[True] / (probabilities[True] + probabilitie
         # Reset the index for plotting
         probabilities.reset_index(inplace=True)
         # Create a stacked bar chart
         plt.figure(figsize=(12, 8))
         sns.set(style="whitegrid")
         sns.barplot(x='Age Group', y='Probability', hue='Sex', data=probabilities, palette='past
         plt.title('Probability of Having Ascites by Age Group and Gender')
         plt.xlabel('Age Group (in 10-year intervals)')
         plt.ylabel('Probability')
         plt.legend(title='Sex', loc='upper left')
         plt.ylim(0, 1) # Set y-axis limit to 0-1 for probabilities
         plt.xticks(rotation=45)
         plt.show()
```



Analysis made by Alan Santos, for Rise4Wellness