Exploratory Data Analysis of NANSE Sales Data

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Loading the necessary packages

```
# Load any libraries here
library(ggplot2)
library(dplyr)
##
## Attaching package: 'dplyr'
## The following objects are masked from 'package:stats':
##
##
      filter, lag
## The following objects are masked from 'package:base':
##
      intersect, setdiff, setequal, union
library(tidyverse)
## -- Attaching core tidyverse packages ----- tidyverse 2.0.0 --
## v forcats 1.0.0 v stringr 1.5.0
## v lubridate 1.9.2 v tibble
                                    3.2.1
                       v tidyr
## v purrr 1.0.2
                                   1.3.0
## v readr
              2.1.4
## -- Conflicts ------ tidyverse_conflicts() --
## x dplyr::filter() masks stats::filter()
## x dplyr::lag()
                    masks stats::lag()
## i Use the conflicted package (<a href="http://conflicted.r-lib.org/">http://conflicted.r-lib.org/</a>) to force all conflicts to become error
```

Loading the Nanse store Data

```
df <- read.csv('store_3HE.csv')</pre>
```

Understanding the data structure of raw data

```
#Understanding the data structure
str(df)

## 'data.frame': 771 obs. of 20 variables:

## $ store : int 105 117 122 123 182 183 186 194 227 233 ...

## $ city : chr "BROCKVILLE" "BURLINGTON" "BURLINGTON" "...

## $ region : chr "ONTARIO" "ONTARIO" "ONTARIO" ...

## $ province : chr "ON" "ON" "ON" "ON" ...
```

```
## $ size
                             : int
                                    496 875 691 763 784 NA 966 710 973 967 ...
                                    "984.7" "2629.32" "2786.73" "2834.49" ...
##
   $ revenue
                             : chr
## $ units
                             : num
                                    470 1131 1229 1258 1950 ...
## $ cost
                                    591 1622 1709 1720 2486 ...
                             : num
##
   $ gross_profit
                             : num
                                    394 1008 1077 1115 1633 ...
##
   $ promo units
                                    210 401 450 477 665 ...
                             : num
   $ energy units
                                    72.1 192.8 240.5 194.2 199.7 ...
                             : num
                                    38.6 75 93.7 99.4 175.5 ...
##
   $ regularBars units
                             : num
##
   $ gum units
                             : num
                                    29.3 55.9 64.3 73.2 145.8 ...
##
                                    13.4 42.1 29.9 54.1 68.1 ...
   $ bagpegCandy_units
                             : num
   $ isotonics_units
                             : num
                                    20.7 87.6 105.7 118.2 109.3 ...
                                    18.6 36.4 48 39.7 85.7 ...
## $ singleServePotato_units: num
## $ takeHomePotato_units
                                    7.71 33.46 19.9 22.1 42.33 ...
                             : num
## $ kingBars_units
                                    17.9 47.4 45.2 45.3 79.8 ...
                             : num
   $ flatWater_units
                                    56.5 98.4 130.3 132.8 204.1 ...
                             : num
   $ psd591Ml_units
                             : num
                                    39.7 38.7 47.3 39.9 50.3 ...
#Data summary
summary(df)
```

```
##
       store
                       city
                                        region
                                                         province
   Min. : 105
                   Length:771
                                     Length:771
                                                       Length:771
   1st Qu.: 6226
                                                        Class : character
##
                   Class :character
                                     Class :character
##
  Median :34438
                   Mode :character
                                     Mode :character
                                                       Mode :character
  Mean :34226
   3rd Qu.:59663
##
   Max. :98788
##
##
        size
                      revenue
                                          units
                                                            cost
   Min. : 276.0
##
                    Length:771
                                      Min. : 42.65
                                                       Min. : 41.12
   1st Qu.: 671.8
                    Class :character
                                      1st Qu.: 911.85
                                                        1st Qu.: 1229.12
##
   Median : 792.5
                    Mode :character
                                      Median :1351.25
                                                        Median: 1843.41
   Mean
         : 755.5
                                      Mean
                                            :1559.78
                                                        Mean : 2180.51
##
   3rd Qu.: 893.0
                                      3rd Qu.:1941.60
                                                        3rd Qu.: 2689.76
                                            :9715.83
##
  Max.
         :1163.0
                                      Max.
                                                       Max.
                                                             :14228.89
  NA's
##
         :15
##
    gross_profit
                      promo_units
                                       energy_units
                                                      regularBars_units
                                                      Min. : 5.10
##
   Min.
         :
              36.36
                      Min. : 17.5
                                      Min. : 4.1
##
   1st Qu.: 771.74
                      1st Qu.: 344.4
                                      1st Qu.: 142.7
                                                      1st Qu.: 75.67
   Median : 1150.93
                                                      Median :110.65
##
                      Median : 499.3
                                      Median : 215.6
   Mean : 1388.03
                     Mean : 567.0
                                      Mean : 253.0
                                                      Mean :123.95
##
   3rd Qu.: 1702.92
                      3rd Qu.: 730.5
                                      3rd Qu.: 317.1
                                                      3rd Qu.:154.84
##
   Max. :10457.82
                      Max.
                            :3116.5
                                      Max. :1576.3
                                                      Max. :681.56
##
##
     gum_units
                    bagpegCandy_units isotonics_units
                                                     singleServePotato_units
##
   Min. : 1.88
                    Min. : 0.00
                                     Min. : 3.98
                                                     Min. : 1.75
##
   1st Qu.: 53.49
                    1st Qu.: 24.43
                                     1st Qu.: 57.79
                                                      1st Qu.: 29.51
   Median : 77.88
                    Median : 41.65
                                     Median: 84.48
                                                     Median: 44.92
         : 85.53
                         : 50.33
                                          : 98.76
                                                     Mean : 56.34
##
   Mean
                    Mean
                                     Mean
   3rd Qu.:110.11
                    3rd Qu.: 63.72
                                     3rd Qu.:124.16
                                                      3rd Qu.: 67.84
##
##
  Max. :318.69
                    Max.
                          :381.96
                                     Max.
                                           :562.46
                                                     Max.
                                                            :439.06
##
## takeHomePotato_units kingBars_units
                                        flatWater_units
                                                         psd591Ml units
## Min. : 0.00
                       Min. : 0.00
                                        Min. : 11.96
                                                         Min. : 0.00
## 1st Qu.: 15.69
                       1st Qu.: 33.89
                                        1st Qu.: 82.33
                                                         1st Qu.: 31.28
```

```
## Median: 28.85
                         Median : 49.87
                                          Median : 128.98
                                                            Median: 48.25
## Mean : 38.05
                        Mean : 58.68
                                         Mean : 158.03
                                                           Mean : 60.57
                                                            3rd Qu.: 74.95
## 3rd Qu.: 49.31
                         3rd Qu.: 73.33
                                          3rd Qu.: 190.32
## Max. :360.19
                         Max. :471.19
                                          Max. :1424.27
                                                            Max.
                                                                   :390.38
#Using head function
head(df, 10)
##
                  city region province size revenue
                                                     units
                                                                cost gross_profit
      store
        105 BROCKVILLE ONTARIO
                                    ON 496
                                               984.7 470.46 590.73
                                                                           393.97
## 2
        117 BURLINGTON ONTARIO
                                     ON 875 2629.32 1131.38 1621.58
                                                                          1007.74
                                     ON 691 2786.73 1229.46 1709.45
        122 BURLINGTON ONTARIO
## 3
                                                                          1077.27
## 4
        123 BURLINGTON ONTARIO
                                     ON 763 2834.49 1257.63 1719.61
                                                                          1114.88
## 5
        182 DON MILLS ONTARIO
                                     ON
                                        784 4118.36 1949.50 2485.83
                                                                          1632.53
        183 DON MILLS ONTARIO
                                     ON
                                         NA 374.83 186.54 227.36
## 6
                                                                          147.47
        186 NORTH YORK ONTARIO
## 7
                                     ON 966 8195.26 3695.46 5069.99
                                                                          3125.27
## 8
        194 NORTH YORK ONTARIO
                                     ON 710 1981.46 954.29 1172.38
                                                                          809.08
        227 ETOBICOKE ONTARIO
## 9
                                     ON 973 4841.67 2185.02 2995.62
                                                                          1846.06
## 10
        233 ETOBICOKE ONTARIO
                                     ON 967 5435.45 2473.71 3315.70
                                                                          2119.76
##
      promo_units energy_units regularBars_units gum_units bagpegCandy_units
## 1
           210.23
                        72.13
                                           38.63
                                                     29.29
                                                                       13.38
                        192.77
## 2
           401.46
                                           75.04
                                                     55.85
                                                                       42.15
## 3
           450.04
                        240.48
                                           93.73
                                                    64.27
                                                                       29.85
## 4
           476.83
                        194.21
                                           99.44
                                                    73.25
                                                                       54.15
## 5
           664.71
                        199.73
                                          175.48
                                                   145.81
                                                                       68.06
## 6
           79.23
                        34.23
                                          17.06
                                                    11.71
                                                                        3.73
## 7
                        419.19
                                          271.58
          1143.33
                                                    212.42
                                                                      153.90
## 8
           300.87
                        135.87
                                                   117.69
                                                                       19.37
                                           44.12
## 9
                        248.42
                                                    111.67
           657.31
                                          175.35
                                                                       81.54
## 10
           868.54
                        319.12
                                          187.06
                                                    156.81
                                                                       73.87
##
      isotonics_units singleServePotato_units takeHomePotato_units kingBars_units
## 1
               20.69
                                        18.60
                                                             7.71
                                                                            17.87
               87.62
## 2
                                        36.44
                                                             33.46
                                                                            47.44
## 3
              105.65
                                        47.96
                                                             19.90
                                                                            45.21
## 4
              118.19
                                        39.67
                                                             22.10
                                                                            45.33
              109.35
## 5
                                        85.71
                                                             42.33
                                                                            79.81
## 6
                                        8.48
                                                              0.00
                 9.29
                                                                            11.88
## 7
               166.37
                                       130.79
                                                            136.79
                                                                           114.50
## 8
               28.46
                                        26.21
                                                            16.58
                                                                            36.54
## 9
              124.23
                                       94.52
                                                             73.40
                                                                            93.77
## 10
              142.29
                                       116.60
                                                             46.12
                                                                            89.67
##
      flatWater_units psd591Ml_units
## 1
               56.54
                               39.71
## 2
               98.42
                               38.73
                               47.31
## 3
               130.27
```

4

5

6

7

8

9

10

132.77

204.06

25.31

328.63

111.79

193.12

323.42

39.87

50.29

112.38

34.85

70.15

73.83

2.69

#Using tail function tail(df,10)

```
city region province size revenue
                                                           units
                                                                    cost gross_profit
       store
## 762 92583
                                        BC 614 1940.79 875.77 1167.63
               VANCOUVER
                            WEST
                                                                                773.17
## 763 92586
               VANCOUVER
                            WEST
                                            379 608.04 295.62 361.08
                                                                                246.96
## 764 92589
               PRINCETON
                            WEST
                                        BC
                                            904 5182.48 2323.46 3180.24
                                                                               2002.24
## 765 92591
                            WEST
                                            872 3954.78 1748.50 2426.27
                  BURNABY
                                        BC
                                                                               1528.51
## 766 94285
                 UNKNOWN QUEBEC
                                  UNKNOWN
                                            343 1121.61 534.63 678.85
                                                                                442.75
## 767 95198
                    SOOKE
                            WEST
                                        BC
                                            707 2910.59 1305.92 1777.54
                                                                               1133.05
## 768 95342 MAPLE RIDGE
                            WEST
                                        BC
                                            711 1786.36
                                                         789.38 1088.62
                                                                                697.74
## 769 95849
               VANCOUVER
                            WEST
                                        BC
                                            444 1497.23
                                                         703.52 902.25
                                                                                594.97
## 770 97250
                 WINNIPEG
                            WEST
                                        MB
                                            723 2093.18 928.54 1325.07
                                                                                768.11
## 771 98788
               VANCOUVER
                            WEST
                                        BC
                                            885 3753.52 1644.13 2245.66
                                                                               1507.87
##
       promo_units energy_units regularBars_units gum_units bagpegCandy_units
## 762
            272.02
                          105.54
                                              70.56
                                                         51.25
                                                                            23.98
## 763
                                                                             0.90
            110.25
                           33.27
                                              27.42
                                                         21.75
                          313.00
## 764
           1088.19
                                             209.67
                                                         75.35
                                                                            58.54
## 765
            617.29
                          324.25
                                             121.67
                                                         84.77
                                                                            46.94
## 766
            168.93
                           90.44
                                              43.00
                                                         40.19
                                                                             0.74
## 767
            401.46
                          151.17
                                             122.63
                                                         51.46
                                                                            51.12
## 768
            352.19
                          130.87
                                                                            22.69
                                              70.83
                                                         46.50
## 769
            256.42
                                              66.71
                                                         29.29
                                                                            18.42
                           81.98
## 770
            438.96
                          113.96
                                              72.38
                                                         38.17
                                                                            31.48
## 771
            451.71
                          207.17
                                             118.27
                                                         86.92
                                                                            52.98
##
       isotonics_units singleServePotato_units takeHomePotato_units kingBars_units
                                           29.92
                                                                 14.63
## 762
                  65.90
                                                                                 24.42
## 763
                 20.06
                                            9.87
                                                                  3.60
                                                                                 17.00
## 764
                 165.65
                                           97.60
                                                                 36.06
                                                                                 84.77
## 765
                 117.81
                                           63.06
                                                                 24.60
                                                                                 45.35
## 766
                                           22.07
                                                                                 32.93
                  34.22
                                                                  3.15
## 767
                 85.21
                                           46.25
                                                                 30.15
                                                                                 74.52
## 768
                 52.69
                                           19.02
                                                                 14.58
                                                                                 22.52
## 769
                 72.29
                                           24.83
                                                                  7.60
                                                                                 26.60
## 770
                  68.37
                                           30.00
                                                                 27.44
                                                                                 38.67
                                           68.38
                                                                                 47.79
## 771
                 105.87
                                                                 38.83
       flatWater_units psd591Ml_units
##
## 762
                 116.15
                                 26.04
## 763
                 52.38
                                 10.69
## 764
                 255.46
                                 105.79
## 765
                 183.83
                                 50.17
## 766
                 49.00
                                 18.00
## 767
                 110.79
                                 43.27
## 768
                 73.54
                                 32.15
## 769
                 86.15
                                 24.88
## 770
                 93.10
                                 59.35
## 771
                 195.31
                                 37.75
```

#Using slice_sample function slice sample(df, n=10)

##	store	city	region	province	size	revenue	units	cost
## 1	40048	LONDON	ONTARIO	ON	684	2610.81	1225.00	1643.88
## 2	59647	PICKERING	ONTARIO	ON	776	2355.68	1066.79	1440.36
## 3	72014	VUBKTON	WEST	SK	885	7204 81	2950 17	4308 40

```
## 4 12339
                      LAVAL QUEBEC
                                           QC 836 2264.47 1019.50 1393.83
## 5 69061
                    GIBSONS
                                WEST
                                           BC 1007 6127.6 2530.25 3720.10
## 6 65007
                   BRAMPTON ONTARIO
                                           ON
                                               803 2699.86 1217.50 1646.12
     63982
                   WINNIPEG
                                                    2299.8 1015.54 1425.48
## 7
                                WEST
                                           MB
                                               987
## 8
     13155 TROIS-RIVIÃ^RES
                              QUEBEC
                                           QC
                                               907 5644.02 2507.88 3464.92
## 9
        562
                     NEPEAN ONTARIO
                                           ON
                                               776 4465.6 1969.90 2763.15
## 10 2795
                   WINNIPEG
                                WEST
                                           MB
                                               680 1268.08 577.29 789.38
      gross_profit promo_units energy_units regularBars_units gum_units
##
## 1
            966.93
                         558.65
                                      218.52
                                                         137.52
## 2
            915.32
                        430.96
                                      215.62
                                                          81.71
                                                                    81.88
## 3
           2896.41
                        945.63
                                      387.77
                                                         168.52
                                                                    78.81
## 4
                        412.02
                                      298.92
                                                          75.37
                                                                    88.79
            870.63
## 5
           2407.51
                        896.40
                                      251.00
                                                         228.81
                                                                    96.06
## 6
           1053.74
                        454.19
                                      217.96
                                                          97.54
                                                                    90.10
## 7
            874.32
                        344.35
                                      149.63
                                                          68.35
                                                                    61.60
## 8
           2179.10
                         958.67
                                      562.19
                                                         156.42
                                                                   186.06
## 9
           1702.46
                        738.52
                                      312.40
                                                         194.92
                                                                    88.58
## 10
            478.70
                         225.46
                                       69.19
                                                          55.12
                                                                    39.48
##
      bagpegCandy_units isotonics_units singleServePotato_units
## 1
                  23.58
                                  100.31
                                                            54.75
## 2
                  28.46
                                   70.96
                                                            27.37
## 3
                  76.40
                                  149.96
                                                           122.85
                  20.50
                                                            28.60
## 4
                                   52.77
## 5
                 131.52
                                  174.38
                                                            71.69
## 6
                                   90.96
                                                            37.48
                  38.12
## 7
                  40.15
                                   52.98
                                                            26.69
## 8
                  76.38
                                  159.79
                                                            87.48
## 9
                  62.21
                                  151.92
                                                            64.77
## 10
                  12.33
                                   27.35
                                                            19.04
      takeHomePotato_units kingBars_units flatWater_units psd591Ml_units
## 1
                     15.56
                                     62.54
                                                      99.15
                                                                     42.71
## 2
                     11.83
                                     37.58
                                                     106.00
                                                                     26.15
## 3
                     62.31
                                    107.46
                                                     328.94
                                                                    205.40
## 4
                     18.54
                                     31.38
                                                      95.38
                                                                     23.46
## 5
                     84.98
                                    129.65
                                                     158.83
                                                                     87.35
## 6
                     21.50
                                     52.56
                                                     120.42
                                                                     38.27
## 7
                     27.04
                                     33.67
                                                      85.94
                                                                     48.63
## 8
                     78.88
                                     56.56
                                                     217.65
                                                                    102.52
## 9
                     57.08
                                     93.92
                                                     165.08
                                                                     75.69
## 10
                     15.79
                                     22.10
                                                      43.87
                                                                     31.35
#Using unique function
unique(df)
##
       store
                                  city
                                         region province size revenue
                                                                           units
## 1
         105
                            BROCKVILLE
                                        ONTARIO
                                                       ON
                                                           496
                                                                  984.7 470.46
## 2
                                                           875
         117
                            BURLINGTON
                                        ONTARIO
                                                       ON
                                                               2629.32 1131.38
## 3
         122
                            BURLINGTON
                                        ONTARIO
                                                       ON
                                                           691
                                                               2786.73 1229.46
## 4
         123
                            BURLINGTON
                                                       ON
                                                           763 2834.49 1257.63
                                        ONTARIO
## 5
         182
                             DON MILLS
                                        ONTARIO
                                                       ON
                                                           784
                                                               4118.36 1949.50
```

ONTARIO

ONTARIO

ONTARIO

ON

ON

ON

NA

374.83 186.54

966 8195.26 3695.46

710 1981.46 954.29

ON 973 4841.67 2185.02

ON 967 5435.45 2473.71

DON MILLS

NORTH YORK

NORTH YORK

ETOBICOKE ONTARIO

ETOBICOKE ONTARIO

6

7

8

9

10

183

186

194

227

233

##	11	236	ETOBICOKE	ONTARIO	ON	1001	5340.2	2355.35
##	12	248	GEORGETOWN	ONTARIO	ON	736		1144.69
##	13	259	GORMLEY	ONTARIO	ON	778	2361.24	
##	14	272	GUELPH	ONTARIO	ON	949		1138.62
##	15	282	HAMILTON	ONTARIO	ON	833	1724.54	759.17
##	16	291	STONEY CREEK	ONTARIO	ON	952	2821.96	
##	17	333	KANATA	ONTARIO	ON	318	565.3	270.65
##	18	358	KITCHENER	ONTARIO	ON	836	5075.03	
##	19	367	KITCHENER	ONTARIO	ON	496	465.46	202.67
##	20	396	LONDON	ONTARIO	ON	796		1024.58
##	21	398	LONDON	ONTARIO	ON	609	1372.67	625.35
##	22	399	LONDON	ONTARIO ONTARIO	ON	948	3046.68	
## ##	23 24	402 409	LONDON	ONTARIO	ON ON	656 734	3210.86	1061.88
##	2 4 25		LONDON	ONTARIO	ON	542		834.17
##	26	414 438	LONDON UNIONVILLE	ONTARIO	ON	768	1821.12 1676.88	766.96
##	27	436 445	SCARBOROUGH	ONTARIO	ON	501	1372.87	638.50
##	28	446	MILTON	ONTARIO	ON	789	1956.49	874.04
	29	448	MILTON	ONTARIO	ON	969		1945.56
	30	451	MISSISSAUGA	ONTARIO	ON	881		1940.52
	31	451	MISSISSAUGA	ONTARIO	ON	884		2183.13
	32	453	MISSISSAUGA	ONTARIO	ON	560		1102.69
	33	454	MISSISSAUGA	ONTARIO	ON	887		1080.56
	34	457	MISSISSAUGA	ONTARIO	ON	379		1273.35
	35	460	MISSISSAUGA	ONTARIO	ON	728		1236.58
##	36	466	MISSISSAUGA	ONTARIO	ON	843		1678.33
	37	474	MISSISSAUGA	ONTARIO	ON	413	1344.45	652.62
	38	475	MISSISSAUGA	ONTARIO	ON	763		1130.87
	39	479	MISSISSAUGA	ONTARIO	ON	759		1654.98
##	40	480	MISSISSAUGA	ONTARIO	ON	967		1780.35
##	41	481	MISSISSAUGA	ONTARIO	ON	793		1582.44
##	42	496	NEPEAN	ONTARIO	ON	905	4153.75	1804.31
##	43	501	NEWMARKET	ONTARIO	ON	931	2733.71	1181.71
##	44	539	ORLEANS	ONTARIO	ON	841	3002.95	1351.46
##	45	555	OTTAWA	ONTARIO	ON	882	6264.74	2730.42
##	46	558	NEPEAN	ONTARIO	ON	815	3756.79	1659.90
##	47	561	OTTAWA	ONTARIO	ON	450	1143.8	583.98
##	48	562	NEPEAN	ONTARIO	ON	776	4465.6	1969.90
##	49	568	NEPEAN	ONTARIO	ON	765	4422.01	2005.44
##	50	574	OTTAWA	ONTARIO	ON	429	1445.91	726.10
##	51	575	OTTAWA	ONTARIO	ON	426	1750.95	849.29
	52	583	GLOUCESTER	ONTARIO	ON	941		1550.25
	53	616	PICKERING	ONTARIO	ON	808		1708.06
	54	619	PICKERING	ONTARIO	ON	479	870.27	413.54
	55	632	PORT HOPE	ONTARIO	ON	962		1404.85
	56	650	ETOBICOKE	ONTARIO	ON	897		1665.83
	57	651	ETOBICOKE	ONTARIO	ON	744		1263.54
	58	655	RICHMOND HILL	ONTARIO	ON	758		1020.90
	59	676	SCARBOROUGH	ONTARIO	ON	803		1166.10
	60	682	SCARBOROUGH	ONTARIO	ON	801		1123.21
	61	683	SCARBOROUGH	ONTARIO	ON	727	2030.77	964.63
	62	687	SCARBOROUGH	ONTARIO	ON	751		1469.69
	63	699	SCARBOROUGH	ONTARIO	ON	742		1405.44
##	64	732	ST. CATHARINES	ONTARIO	ON	814	1621.05	740.21

##		733	ST. CATHARINES	ONTARIO	ON	489	1072.88	521.85
##	66	735	ST. CATHARINES	ONTARIO	ON	979	3463.98	1494.12
##	67	741	ST THOMAS	ONTARIO	ON	702	1955.13	904.25
##	68	769	SUDBURY	ONTARIO	ON	304	429.1	188.21
##	69	784	THORNHILL	ONTARIO	ON	791	3006.44	1334.13
##	70	787	VAUGHAN	ONTARIO	ON	786		1117.38
##	71	813	TORONTO	ONTARIO	ON	906	5101.63	2304.33
##	72	822	TORONTO	ONTARIO	ON	757	2383.49	1090.04
##	73	823	TORONTO	ONTARIO	ON	791	5752.27	2552.25
##	74	829	TORONTO	ONTARIO	ON	788	4369.24	1978.52
##	75	830	NORTH YORK	ONTARIO	ON	517	2353.05	1107.08
##	76	834	TORONTO	ONTARIO	ON	698	2403.59	1116.08
##	77	857	TORONTO	ONTARIO	ON	712	2731.58	1244.67
##	78	872	CONCORD	ONTARIO	ON	937	3483.55	1563.00
##	79	911	NORTH YORK	ONTARIO	ON	746	2560.12	1234.17
##	80	914	NORTH YORK	ONTARIO	ON	668	2671.68	1245.06
##	81	920	WHITBY	ONTARIO	ON	740	1697.61	789.02
##	82	928	WIARTON	ONTARIO	ON	391	499.7	220.62
##	83	935	NORTH YORK	ONTARIO	ON	892	3386.34	1533.27
##	84	937	NORTH YORK	ONTARIO	ON	806	2433.02	1116.04
##	85	941	WINDSOR	ONTARIO	ON	806	2575.7	1125.44
##	86	959	WOODBRIDGE	ONTARIO	ON	1009	5166.15	2280.62
##	87	960	WOODBRIDGE	ONTARIO	ON	754	3029.19	1371.40
##	88	962	ETOBICOKE	ONTARIO	ON	455	1465.31	757.47
##	89	973	UNKNOWN	QUEBEC	UNKNOWN	482	1518.72	682.83
##	90	987	AJAX	ONTARIO	ON	933	2527.1	1158.83
##	91	996	OAKVILLE	ONTARIO	ON	399	1685.91	800.44
##	92	1004	GLOUCESTER	ONTARIO	ON	649	2802.87	1254.06
##	93	1308	TECUMSEH	ONTARIO	ON	693	2899.17	1242.29
##	94	1312	RICHMOND HILL	ONTARIO	ON	739	1517.45	697.96
##	95	1315	BRAMPTON	ONTARIO	ON	736	3039.26	1428.73
##	96	1326	BURLINGTON	ONTARIO	ON	869	3575.92	1580.94
##	97	1327	LONDON	ONTARIO	ON	680	2330.93	1042.12
##	98	1328	LONDON	ONTARIO	ON	798	2391.3	1069.71
##	99	1334	WHITBY	ONTARIO	ON	720	1884.76	852.44
##	100	1404	SCARBOROUGH	ONTARIO	ON	867	4192.14	1855.48
##	101	1405	SCARBOROUGH	ONTARIO	ON	789	1744.63	809.25
##	102	1427	ARTHUR	ONTARIO	ON	651	1154.33	539.98
##	103	1429	AURORA	ONTARIO	ON	838	1974.43	848.87
##	104	1446	BARRIE	ONTARIO	ON	944	5398.27	2361.63
##	105	1455	NEPEAN	ONTARIO	ON	420	661.91	327.12
##	106	1470	BOLTON	ONTARIO	ON	787	2747.26	1207.56
##	107	1480	BRAMPTON	ONTARIO	ON	748	2790.29	1291.37
##	108	1487	BRAMPTON	ONTARIO	ON	898	4162.08	1814.67
##	109	1616	LONDON	ONTARIO	ON	816	2041.14	911.00
##	110	2505	CALGARY	WEST	AB	360	778.29	359.37
##	111	2512	FORT ST. JOHN	WEST	BC	539	2596.13	1051.29
##	112	2519	QUESNEL	WEST	BC	917	4337.47	1805.85
##	113	2538	EDMONTON	WEST	AB	800	4207.49	1853.52
	114	2542	ROCKY MOUNTAIN HOUSE	WEST	AB	843		1368.21
	115	2548	CHASE	WEST	BC	804		1806.25
	116	2552	CALGARY	WEST	AB	880		1439.48
	117	2556	MAPLE RIDGE	WEST	BC	744		1286.69
	118	2557	PORT COQUITLAM	WEST	ВС	548		1148.25
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	119	2560	WINFIELD	WEST	BC	627	1925.63	807.02
##	120	2562	EDMONTON	WEST	AB	934	7647.52	
##	121	2563	SURREY	WEST	BC	402	2188.04	
##	122	2566	KAMLOOPS	WEST	BC	718	3012.13	
##	123	2587	VANCOUVER	WEST	BC	965		3158.29
##	124	2591	CALGARY	WEST		1038	6590.32	
##	125	2618	KELOWNA	WEST		1021	6889.42	
##	126	2619	REGINA	WEST		SK 982 6329.98		
##	127	2627	ABBOTSFORD	WEST	BC	498	1989.7	902.96
##	128	2631	MISSION	WEST	BC	928	3760.47	
##	129	2634	WEST VANCOUVER	WEST	BC	543	1350.13	629.40
##	130	2639	WINNIPEG	WEST	MB	733	2341.55	
##	131	2640	VICTORIA	WEST	BC	606	745.87	339.56
##	132	2644	SASKATOON	WEST	SK	803		1713.90
##	133	2652	ST. ALBERT	WEST	AB	655		1142.62
##	134	2665	CALGARY	WEST	AB	860		2242.35
##	135	2667	NANOOSE BAY	WEST	BC		11568.82	
##	136	2669	EDMONTON	WEST	AB	944	7289.77	
	137	2671	WILLIAMS LAKE	WEST	BC	656	1428.12	636.12
	138	2684	SALMON ARM	WEST	BC	715	1585.36	664.90
	139	2695	CALGARY	WEST	AB	514	5592.71	
	140	2698	KAMLOOPS	WEST	BC	982	5781.89	
	141	2711	CALGARY	WEST		1078		3479.12
	142	2714	EDMONTON	WEST	AB	411	2203.74	959.23
	143	2718	LANGLEY	WEST	BC	603	3352.27	
	144	2742	EDMONTON	WEST	AB	595	2101.58	902.90
##	145	2743	LAKE LOUISE	WEST	AB		10915.15	
##	146	2751	WINNIPEG	WEST	MB	643	2744.41	
##	147	2758	BURNABY	WEST	BC	578	1035.53	468.90
##	148	2780	FORT ST. JOHN	WEST	BC	875	17960.16	
##	149	2795	WINNIPEG	WEST	MB	680	1268.08	577.29
##	150	2807	RICHMOND	WEST	BC	792	2925.26	1330.63
##	151	2813	CALGARY	WEST	AB	472	759.85	342.67
##	152	2817	UNKNOWN	QUEBEC	UNKNOWN	346	469.49	232.82
##	153	2818	VICTORIA	WEST	BC	722	1502.2	696.38
##	154	2820	UNKNOWN	QUEBEC	UNKNOWN	885	3124	1386.83
	155	2842	CALGARY	WEST	AB	495	841.29	396.56
##	156	2845	PRINCE GEORGE	WEST	BC	659	1622.54	726.38
##	157	2846	SURREY	WEST	BC	961	3421.09	1518.73
##	158	2857	LADNER	WEST	BC	418	1151.5	522.67
	159	2860	JASPER	WEST	AB	576	2985.94	
##	160	2879	KELOWNA	WEST		1070	11155.07	4638.19
##	161	2880	GRAND FORKS	WEST	BC	826		1911.63
##	162	2889	VANCOUVER	WEST	BC	536	1472.4	657.04
##	163	2892	LOGAN LAKE	WEST	BC	764	3432.97	1484.58
##	164	3751	GLOUCESTER	ONTARIO	ON	673	2231.44	1011.08
##	165	3827	OTTAWA	ONTARIO	ON	653	3531.26	1596.85
##	166	3872	GLOUCESTER	ONTARIO	ON	762	1724.75	793.69
##	167	3885	OTTAWA	ONTARIO	ON	627	4324.85	2016.69
##	168	3919	AWATTO	ONTARIO	ON	299	798	402.08
##	169	3964	KANATA	ONTARIO	ON	NA	506.3	252.37
##	170	4325	WESTBANK	WEST	BC	850	4945.12	2084.45
##	171	4732	NIAGARA-ON-THE-LAKE	ONTARIO	ON	675	2414.66	1069.71
##	172	4774	BOWMANVILLE	ONTARIO	ON	447	1194.52	575.79

	173	4787	OSHAWA	ONTARIO	ON	NA	393.47	205.75
##	174	4866	COURTICE	ONTARIO	ON	561	1116.24	534.02
##	175	4879	WHITBY	ONTARIO	ON	276	575.43	288.85
##	176	4987	ST CATHARINES	ONTARIO	ON	539		1132.37
##	177	5021	ST CATHARINES	ONTARIO	ON	NA	286.97	161.19
##	178	5034	ST CATHARINES	ONTARIO	ON	390	1287.95	599.92
##	179	5100	WELLAND	ONTARIO	ON	747	1610.89	719.77
##	180	5184	MARKHAM	ONTARIO	ON	641	1392.85	651.38
##	181	5205	ORILLIA	ONTARIO	ON	821		1789.83
##	182	5289	AURORA	ONTARIO	ON	NA	624.83	306.85
##	183	5326	BARRIE	ONTARIO	ON	529	1169.81	553.17
##	184	5368	BARRIE	ONTARIO	ON	555	1711.72	785.70
##	185	5434	MISSISSAUGA	ONTARIO	ON	496		1877.83
##	186	5463	MISSISSAUGA	ONTARIO	ON	334	297.19	166.90
##	187	5539	MISSISSAUGA	ONTARIO	ON	482		1484.58
##	188	5618	MISSISSAUGA	ONTARIO	ON	683		1227.06
##	189	5621	MISSISSAUGA	ONTARIO	ON	695	2585.97	
##	190	5805	BURLINGTON	ONTARIO	ON	565		1616.96
##	191	5834	BURLINGTON	ONTARIO	ON	NA	441.37	229.98
##	192	5850	BURLINGTON	ONTARIO	ON	284	902.09	454.50
##	193	6178	SCARBOROUGH	ONTARIO	ON	NA	369.25	183.44
##	194	6273	SCARBOROUGH	ONTARIO	ON	812	4058.74	
##	195	6336	SCARBOROUGH	ONTARIO	ON	NA	324.91	173.54
##	196	6365	SCARBOROUGH	ONTARIO	ON	NA	591.79	300.00
##	197	6378	WILLOWDALE	ONTARIO	ON	595		1204.13
## ##	198 199	6428 6499	DOWNSVIEW	ONTARIO ONTARIO	ON	NA 835	1299.87	694.25
##	200	6707	TORONTO	ONTARIO	ON ON	823		1447.42
##	200	6723	TORONTO TORONTO	ONTARIO	ON	408		1345.52 913.35
##	201	7562	EMERYVILLE	ONTARIO	ON	772	1891.38	1511.58
	203	7670	CAMBRIDGE	ONTARIO	ON	573	1363.71	607.17
	203	7720	KITCHENER	ONTARIO	ON	NA	338.57	165.48
	205	7825	WATERLOO	ONTARIO	ON	621		1427.38
	206	7854	WATERLOO	ONTARIO	ON	855		1183.73
	207	7904	KITCHENER	ONTARIO	ON	861	1971.89	859.98
##	208	8156	STRATFORD	ONTARIO	ON	514	857.52	418.10
	209	8435	LONDON	ONTARIO	ON	721		1217.29
	210	8451	LONDON	ONTARIO	ON	686	2184.46	961.10
	211	8572	CHATHAM	ONTARIO	ON	601		1080.37
	212	8585	SARNIA	ONTARIO	ON	539	1516.96	679.10
	213	8606	SARNIA	ONTARIO	ON	769		1351.25
	214	9632	OAKVILLE	ONTARIO	ON	509		1298.94
		10411	UNKNOWN	QUEBEC	UNKNOWN			1602.00
		10451	DORCHESTER	ONTARIO	ON	791		1153.44
##	217	12161	L'ASSOMPTION	QUEBEC	QC	894		2147.92
##	218	12177	MONTRÃ%AL	QUEBEC	QC	861	3207.62	1456.56
##	219	12260	MONTRÃ%AL	QUEBEC	QC	814	2290.57	1058.12
##	220	12337	BÃ%CANCOUR	QUEBEC	QC	719	3577.54	1602.23
##	221	12339	LAVAL	QUEBEC	QC	836	2264.47	1019.50
##	222	12362	SAINTE-JULIE	QUEBEC	QC	759	3790.6	1724.96
##	223	12411	DELSON	QUEBEC	QC	731	3863.29	1678.23
##	224	12478	SAINT-JEAN-PORT-JOLI	QUEBEC	QC	894	8900.28	3873.46
##	225	12524	STONEHAM-ET-TEWKESBURY	QUEBEC	QC	846	7790.94	3319.38
##	226	12527	QUÃ%BEC	QUEBEC	QC	879	4228.33	1843.58

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## 227 12636
                                                        676 1921.36 930.92
                            HALIFAX ATLANTIC
## 228 12637
                            HALIFAX ATLANTIC
                                                    NS
                                                        824
                                                            4096.78 2032.31
## 229 12638
                                                             2668.84 1212.56
                         FALL RIVER ATLANTIC
                                                        801
## 230 12642
                            BEDFORD ATLANTIC
                                                            1966.47 930.08
                                                    NS
                                                        642
## 231 12644
                           DARTMOUTH ATLANTIC
                                                    NS
                                                        628
                                                             3102.65 1491.37
## 232 12647
                           DARTMOUTH ATLANTIC
                                                    NS
                                                        924
                                                             2393.54 1070.46
## 233 12685
                            HALIFAX ATLANTIC
                                                        896
                                                             2303.41 1044.29
## 234 12686
                           STEWIACKE ATLANTIC
                                                    NS 1041 7177.81 3211.88
## 235 12687
                    LOWER SACKVILLE ATLANTIC
                                                    NS
                                                        854
                                                              3088.6 1410.71
## 236 12690
                                                    NS
                                                        991
                                                             4845.06 2217.31
                             HALIFAX ATLANTIC
## 237 12693
                           DARTMOUTH ATLANTIC
                                                        779
                                                            2591.62 1202.77
## 238 12705
                           CAP-ROUGE
                                      QUEBEC
                                                    QC
                                                        868 3177.39 1378.27
                                       QUEBEC
                                                    QC
                                                        709
## 239 12710
                        SAINT-HUBERT
                                                             2390.79 1055.56
                                       QUEBEC
                                                    QC
## 240 12711
                           MONTRÃ%AL
                                                        938
                                                             5558.38 2447.90
## 241 12721
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                                       QUEBEC
                                                    QC
                                                        845
                                                             3527.14 1574.96
## 242 12739
                 DOLLARD DES ORMEAUX
                                       QUEBEC
                                                    QC
                                                        816
                                                             4295.37 2002.77
## 243 12762
                           MONTRÃ%AL
                                       QUEBEC
                                                    QC
                                                        872
                                                             3801.05 1718.23
                           MONTRÃ%AL
                                       QUEBEC
                                                    QC
## 244 12764
                                                        893
                                                            4641.79 2135.27
## 245 12770
                    GREENFIELD PARK
                                       QUEBEC
                                                    QC
                                                        859 5483.28 2456.85
                           MONTRÃ%AL
                                       QUEBEC
## 246 12771
                                                    QC
                                                        846
                                                             4652.2 2084.92
## 247 12778
                          ST-LAURENT
                                       QUEBEC
                                                    QC
                                                        346
                                                              586.98 305.83
## 248 12800
                           MONTRÃ%AL
                                       QUEBEC
                                                    QC
                                                        924
                                                            7364.15 3330.83
## 249 12802
                           MONTRÃ%AL
                                       QUEBEC
                                                    QC
                                                        738
                                                            4382.89 1957.37
              STE-HÃ%LÃ^NE-DE-BAGOT
## 250 12816
                                       QUEBEC
                                                    QC
                                                        897 8319.57 3704.06
                                                        696 3698.94 1683.60
## 251 12818
                                       QUEBEC
                                                    QC
                              LAVAL
## 252 12841
                             DORVAL
                                       QUEBEC
                                                    QC
                                                        467 1681.73 789.21
## 253 12844
                            LACHINE
                                       QUEBEC
                                                    QC
                                                        560 1486.28 715.43
## 254 12845
                        BOUCHERVILLE
                                       QUEBEC
                                                    QC
                                                        882
                                                            2554.14 1126.69
## 255 12958
                           MONTRÃ%AL
                                       QUEBEC
                                                    QC
                                                        335
                                                            1229.99 609.67
                     SAINT-LÃ%ONARD
                                       QUEBEC
                                                    QC
## 256 12959
                                                        713 2612.17 1209.79
                                                             2745.28 1223.10
## 257 12972
                         LONGUEUIL
                                       QUEBEC
                                                    QC
                                                        739
## 258 12973
                           MONTRÃ%AL
                                       QUEBEC
                                                    ОC
                                                        733
                                                             2778.46 1283.35
## 259 12975
                           BROSSARD
                                       QUEBEC
                                                    QC
                                                        819
                                                            3529.55 1565.94
## 260 12977
                         NEUFCHATEL
                                       QUEBEC
                                                    QC
                                                        930
                                                            4503.03 1968.35
                                       QUEBEC
## 261 12981
                         CHATEAUGUAY
                                                    QC
                                                        916 6453.64 2813.96
## 262 12982
                               LAVAL
                                       QUEBEC
                                                    QC
                                                        723 2150.73 961.04
## 263 12987
                     MONTRÃ%AL NORD
                                       QUEBEC
                                                    QC
                                                        813 2242.64 1032.44
## 264 12988
                               ANJOU
                                       QUEBEC
                                                    QC
                                                        797
                                                            2073.79 945.42
                                                             1972.74 921.12
## 265 12993
                     SAINT-HYACINTHE
                                       QUEBEC
                                                    QC
                                                        738
                                       QUEBEC
                                                    QC
                                                             2154.61 1013.38
## 266 12994
                            KIRKLAND
                                                        557
## 267 12996
                          ST-LAURENT
                                       QUEBEC
                                                        560
                                                             2825.81 1312.63
## 268 12998
                          MONTRÃ%AL
                                       QUEBEC
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                                                        874 5405.35 2503.69
## 269 13004
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                                       QUEBEC
                                                    QC
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                                                            4062.92 1807.13
## 270 13005
                           MONTRÃ%AL
                                       QUEBEC
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## 271 13010
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                                       QUEBEC
                                                    QC
                                                        689
                                                             2660.45 1179.79
## 272 13011
                                       QUEBEC
                                                    QC
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                               LAVAL
                       DRUMMONDVILLE
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                                                    QC
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## 273 13013
## 274 13014
                       SAINT-LAURENT
                                       QUEBEC
                                                    QC
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                                                              605.69 313.77
## 275 13015
                           GATINEAU
                                       QUEBEC
                                                    QC
                                                        851
                                                             3330.87 1450.87
                                       QUEBEC
                                                    QC
## 276 13016
                           MONTRÃ%AL
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                         MONTRÃ%AL
## 277 13017
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                                                    QC
                                                         NA
                                                               784.9 415.10
                                                        889 5177.62 2301.46
## 278 13020
                         MONTRÃ%AL
                                       QUEBEC
                                                    QC
## 279 13048
                             LAVAL
                                       QUEBEC
                                                    QC
                                                        694 1958.77 898.33
                                                QC 670 1560.21 710.21
## 280 13049
                                       QUEBEC
                              LAVAL
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## 281 13053
                           MONTRÃ%AL
                                                     QC 774 3749.76 1671.77
                                        QUEBEC
## 282 13057
                           BOISBRIAND
                                        QUEBEC
                                                     QC
                                                         888
                                                              7573.02 3254.73
                                        QUEBEC
## 283 13066 SAINT-MATHIEU-DE-BELOEIL
                                                     QC
                                                         742
                                                             2385.28 1064.96
                                        QUEBEC
                                                     QC
                                                         787
## 284 13068
                    ANCIENNE-LORETTE
                                                              1976.08 885.15
## 285 13069
                             GATINEAU
                                        QUEBEC
                                                     QC
                                                         923
                                                              4114.37 1758.17
## 286 13073
                         BOUCHERVILLE
                                        QUEBEC
                                                     QC
                                                         882
                                                             4655.06 2013.15
## 287 13074
                                        QUEBEC
                                                     QC
                                                         855
                                                              4087.62 1822.44
                              CANDIAC
## 288 13075
                        BOUCHERVILLE
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## 289 13079
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## 290 13080
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                                        QUEBEC
                                                     QC
                                                         586
                                                              3205.79 1504.60
                                                     QC
                                                         846 2994.05 1388.35
## 292 13091
                                        QUEBEC
                            LONGUEUIL
                                        QUEBEC
                                                     ОC
                                                         671
## 293 13094 ANGE GARDIEN DE ROUVILLE
                                                              3658.59 1738.52
                                        QUEBEC
                                                         938 7343.25 3293.16
## 294 13137
                              QUÃ%BEC
                                                     QC
## 295 13154
                                LAVAL
                                        QUEBEC
                                                    QC
                                                         770
                                                              2777.38 1251.19
## 296 13155
                      TROIS-RIVIÃ^RES
                                        QUEBEC
                                                    QC
                                                         907 5644.02 2507.88
## 297 13184
                                        QUEBEC
                                                    QC
                                                         867
                                                              5719.29 2417.27
                             GATINEAU
                                                     QC
                                        QUEBEC
## 298 13185
                             GATINEAU
                                                         847
                                                              5013.17 2183.81
## 299 13249
                              MONCTON ATLANTIC
                                                   NB 982
                                                               6480.3 2845.52
                                                NB
QC
QC
QC
QC
QC
                                                     QC
## 300 13303
                              MIRABEL
                                        QUEBEC
                                                         877 6314.35 2657.15
## 301 13370
                     VILLE MONT ROYAL
                                        QUEBEC
                                                         354
                                                               927.47 465.31
## 302 13377
                                LAVAL
                                        QUEBEC
                                                         842 2560.28 1165.81
                       SAINT-LÃ%ONARD
                                        QUEBEC
## 303 13388
                                                         811
                                                              2980.66 1345.87
## 304 13411
                              QUÃ%BEC
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                                                         923
                                                              2949.35 1284.79
## 305 13516
                           MONTRÃ%AL
                                        QUEBEC
                                                     QC 1034 5754.55 2622.08
## 306 13522
                         ST-JÃ%RÃ"ME
                                        QUEBEC
                                                     QC
                                                         860
                                                              6380.04 2842.58
                                                QC
QC
QC
QC
NB
NS
## 307 13541
                        SAINT-HUBERT
                                        QUEBEC
                                                         904
                                                              4527.58 1993.40
                               VERDUN
                                        QUEBEC
                                                         902
                                                             3908.81 1683.58
## 308 13761
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                                                         764
                                                              3312.44 1439.50
## 309 13780
                             BEAUPORT
                                                         761
                                                              4467.42 2032.38
## 310 13787
                           REPENTIGNY
                                        QUEBEC
                     MONT-TREMBLANT
                                                         787
                                                              2965.69 1329.46
## 311 13789
                                        QUEBEC
## 312 13797
                           SAINT JOHN ATLANTIC
                                                         821
                                                              4397.61 2023.63
                                                   NS
                                                         766
## 313 13800
                          DARTMOUTH ATLANTIC
                                                              1658.6 777.98
## 314 13808
                            BROMONT
                                        QUEBEC
                                                     QC
                                                        895
                                                               3488.4 1537.79
## 315 13822
                              VANIER
                                        QUEBEC
                                                     QC
                                                         543
                                                               1490.5 704.10
                                                QC
QC
PE
ac
## 316 13833
                         SHERBROOKE
                                        QUEBEC
                                                         850
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## 317 13847
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## 318 13887
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## 319 13900
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                                        QUEBEC
                                                     QC
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                                                              2991.06 1438.62
## 320 13903
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## 321 13926
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## 322 13927
                        BERTHIERVILLE
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## 323 13940
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## 324 13950
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## 325 13967
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                                                     QC
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                                                              3740.24 1614.65
## 326 14030
                                                     QC
                                                         898
                                                              6015.45 2648.73
                           ST-NICOLAS
                                        QUEBEC
                                                     QC
## 327 14035
                                LAVAL
                                        QUEBEC
                                                         521
                                                              4258.06 1901.06
## 328 14082
                                        QUEBEC
                                                     QC
                                                         875
                                                               2792.7 1215.62
                            LONGUEUIL
## 329 14105
                            LACHENAIE
                                        QUEBEC
                                                     QC
                                                         890
                                                             5795.26 2541.87
                                        QUEBEC
                                                         778 2072.49 928.54
## 330 14106
                            MASCOUCHE
                                                     QC
## 331 14108
                     TROIS-RIVIÃ^RES
                                        QUEBEC
                                                     QC
                                                         895
                                                              4797.91 2161.58
                                                 QC
NS
QC
                                        QUEBEC
## 332 14110
                          MONTRÃ%AL
                                                         920
                                                             8610.81 3761.58
## 333 14125
                            ELMSDALE ATLANTIC
                                                         778 3716.39 1742.38
## 334 14126
                              LÃ%VIS
                                        QUEBEC
                                                         927
                                                                 5530 2421.16
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## 335 14136
                          BLAINVILLE
                                       QUEBEC
                                                    QC 893 6654.54 2917.79
                         TERREBONNE
## 336 14140
                                       QUEBEC
                                                    QC
                                                        832
                                                             3851.04 1712.19
## 337 14141
                                       QUEBEC
                         MONTRÃ%AL
                                                    QC
                                                        896
                                                             3617.82 1633.31
## 338 14145
                            MIRABEL
                                       QUEBEC
                                                    QC
                                                            5101.96 2224.06
                                                        874
## 339 14147
                     MONT-TREMBLANT
                                       QUEBEC
                                                    QC
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                                                             7570.37 3217.00
## 340 14155
                          LAPRAIRIE
                                       QUEBEC
                                                    QC
                                                        899
                                                            5535.09 2432.65
## 341 14161
                          LONGUEUIL
                                       QUEBEC
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                                                             4503.85 2010.75
## 342 14177
                          GLOUCESTER ONTARIO
                                                    ON
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                                                            1682.52 830.48
## 343 14178
                              OTTAWA
                                      ONTARIO
                                                    ON
                                                        423
                                                             1682.66 781.83
## 344 14187
                          BROSSARD
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## 345 14192
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                         REPENTIGNY
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## 347 14212
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                                      ONTARIO
                                                    ON 1015
                                                             7215.51 3166.75
## 348 14229
                        LES CEDRES
                                       QUEBEC
                                                    QC
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                                                            5187.49 2252.15
## 349 14241
                         QUÃ%BEC
                                       QUEBEC
                                                    QC
                                                        898
                                                            4348.84 1933.67
                      CAP ST-IGNACE
## 350 16101
                                       QUEBEC
                                                    QC
                                                        789
                                                             3434.25 1501.79
## 351 16103
                             L'ISLET
                                       QUEBEC
                                                    QC
                                                        873
                                                                4251 1875.19
                       LA POCATIÃ^RE
                                       QUEBEC
## 352 16105
                                                    QC
                                                        848
                                                              2341.4 1044.81
## 353 16106
                     SAINT-PHILIPPE
                                       QUEBEC
                                                    QC
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                    RIVIÃ^RE DU LOUP
## 354 16108
                                       QUEBEC
                                                    QC
                                                        836
                                                            4064.95 1893.90
                                                              6140.4 2704.48
## 355 16109
                    RIVIÃ^RE DU LOUP
                                       QUEBEC
                                                    QC
                                                        920
## 356 16110
                    RIVIÃ^RE DU LOUP
                                       QUEBEC
                                                    QC
                                                        915
                                                            3828.31 1694.67
## 357 16111
                    RIVIÃ^RE-DU-LOUP
                                       QUEBEC
                                                    QC
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## 358 16113
                      TROIS-PISTOLES
                                       QUEBEC
                                                   QC
                                                        851
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## 359 16195
                                                   ON
                                                        322 1128.16 548.71
                            MARKHAM ONTARIO
## 360 33294
                           BRAMPTON
                                      ONTARIO
                                                        871 3485.49 1561.79
## 361 33298
                             LONDON
                                      ONTARIO
                                                    ON
                                                        638 1734.25 784.48
## 362 33345
                             WINDSOR
                                                    ON
                                                        751
                                                            2388.27 1046.25
                                      ONTARIO
## 363 33370
                                                    ON
                                                        876
                            MARKHAM
                                      ONTARIO
                                                            2828.37 1252.42
## 364 33410
                             LONDON
                                      ONTARIO
                                                    ON
                                                        471 2110.06 984.60
## 365 33485
                             LONDON
                                      ONTARIO
                                                    ON
                                                        451 1712.64 799.54
## 366 33486
                           BRAMPTON
                                      ONTARIO
                                                    ON
                                                        739
                                                            3291.17 1505.38
                        BRANTFORD
## 367 33526
                                                    ON
                                                        748
                                                            2231.25 968.94
                                      ONTARIO
                       BRANTFURD
SCARBOROUGH
## 368 33542
                                      ONTARIO
                                                    ON
                                                        705
                                                            2833.22 1371.04
## 369 33551
                            SARNIA
                                      ONTARIO
                                                    ON
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## 370 33605
                              GUELPH ONTARIO
                                                    ON
                                                        736
                                                            1843.02 828.52
## 371 33629
                            BRAMPTON
                                      ONTARIO
                                                    ON
                                                        546
                                                            1076.25 502.88
## 372 33633
                              GUELPH ONTARIO
                                                    ON
                                                        385
                                                              825.97 400.19
                       MISSISSAUGA
## 373 33635
                                      ONTARIO
                                                    ON
                                                        907 4524.11 2020.75
                                                    ON
## 374 33643
                          KINGSTON
                                      ONTARIO
                                                        788
                                                            2959.28 1307.75
## 375 33646
                            ORLEANS
                                      ONTARIO
                                                        323
                                                            1308.51 639.96
## 376 33656
                               AJAX ONTARIO
                                                    ON
                                                        745 1940.86 863.69
## 377 33659
                                                    ON
                                                        881
                                                            3680.22 1607.21
                              BARRIE
                                      ONTARIO
## 378 33728
                             ORLEANS
                                                    ON
                                                        282
                                                              820.35 397.58
                                      ONTARIO
## 379 33738
                        MISSISSAUGA
                                                        324
                                      ONTARIO
                                                              720.46 376.83
## 380 33741
                                                    ON
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                            BRAMPTON
                                      ONTARIO
## 381 33745
                                                    ON
                                                        452
                              OTTAWA
                                      ONTARIO
                                                              879.02 438.19
## 382 33748
                           ETOBICOKE
                                                    ON
                                                        773 3459.46 1619.58
                                      ONTARIO
## 383 33755
                           OAKVILLE
                                      ONTARIO
                                                    ON
                                                        281 1014.61 499.08
## 384 33841
                           CAMBRIDGE
                                                    ON
                                      ONTARIO
                                                        621 3280.68 1464.40
## 385 33861
                           BRAMPTON
                                      ONTARIO
                                                    ON
                                                         NA
                                                              549.08 294.44
## 386 34438
                                                    ON
                                                        701 2615.21 1153.79
                          NEWMARKET
                                      ONTARIO
                       THUNDER BAY
## 387 34452
                                      ONTARTO
                                                    ON
                                                        668 1010.67 439.75
                           BRAMPTON ONTARIO
## 388 34462
                                                   ON
                                                        776 2924.22 1322.50
```

##	389	34543	OAKVILLE	ONTARIO	ON	436	3424.64	1575.02
##	390	34572	NEPEAN	ONTARIO	ON	817	3606.43	1618.87
		34587	MISSISSAUGA	ONTARIO	ON	718	3242.15	
		34814	WELLAND	ONTARIO	ON	743	1603.82	701.67
		34816	WOODBRIDGE	ONTARIO	ON	870	3426.58	
		34827	SUDBURY	ONTARIO	ON	604	1435.31	661.00
		34828	PETERBOROUGH	ONTARIO	ON	699		1002.37
		34829	MISSISSAUGA	ONTARIO	ON	382	657.16	329.54
		34871	MARKHAM	ONTARIO	ON	848	1946.54	894.92
##		34894	WHITBY	ONTARIO	ON	922	2491.93	
##		35005	RICHMOND HILL	ONTARIO	ON	835	2865.48	
##		35007	BRAMPTON	ONTARIO ONTARIO	ON	821	3178.32	
##		35017 35055	BRAMPTON ETOBICOKE	ONTARIO	ON ON	933 754	3309.92 1589.96	719.37
##		35061	RICHMOND HILL	ONTARIO	ON	910		1270.63
##		35073		ONTARIO	ON	808	2679.38	
##		35073	BOWMANVILLE NEWMARKET	ONTARIO	ON	741	3647.51	
##		35101	WHITBY	ONTARIO	ON	856	3552.44	
		35101	VAUGHAN	ONTARIO	ON	856	4564.46	
		35110	SUDBURY	ONTARIO	ON	686	1481.36	655.85
		35131	BARRIE	ONTARIO	ON	841	4134.09	
		35140	BRAMPTON	ONTARIO	ON	878	3691.23	
		35150	CUMBERLAND	ONTARIO	ON	837	2753.31	
		35155	OSHAWA	ONTARIO	ON	930		1543.12
		35157	NEPEAN	ONTARIO	ON	754	2324.12	
		35160	OAKVILLE	ONTARIO	ON	949	2868.36	
		35175	AJAX	ONTARIO	ON	929	3628.49	
##		35176	VAUGHAN	ONTARIO	ON	830		1367.77
##		35177	BRAMPTON	ONTARIO	ON	904	2705.17	
##		35180	KITCHENER	ONTARIO	ON	916	3867.38	
##	419	35197	OTTAWA	ONTARIO	ON	893	4173.32	1848.33
##	420	35200	WHITBY	ONTARIO	ON	917	4634.72	2062.29
##	421	35203	CAMBRIDGE	ONTARIO	ON	944	4815.11	2074.37
##	422	35207	OAKVILLE	ONTARIO	ON	837	2628.37	1177.00
##	423	35210	MARKHAM	ONTARIO	ON	913	2778.61	1255.87
##	424	35212	STITTSVILLE	ONTARIO	ON	886	3525.61	1550.73
##	425	35218	VAUGHAN	ONTARIO	ON	802	4192.13	1829.54
##	426	35219	BRADFORD	ONTARIO	ON	910	5826.47	2504.02
##	427	35220	MISSISSAUGA	ONTARIO	ON	857	2055.2	929.33
##	428	35224	MARKHAM	ONTARIO	ON	974	5839.86	2579.48
##	429	35236	AJAX	ONTARIO	ON	875	4152.9	1871.56
##	430	35237	GEORGETOWN	ONTARIO	ON	923	4540.65	2020.31
		35249	OTTAWA	ONTARIO	ON	323	844.55	431.71
##	432	35250	VAUGHAN	ONTARIO	ON	675	2200.39	929.17
		35251	BRAMPTON	ONTARIO	ON	882	5264.52	2341.21
		35252	WHITBY	ONTARIO	ON	881		1564.75
		35258	VAUGHAN	ONTARIO	ON	861	2604.93	1170.92
		35262	STONEY CREEK	ONTARIO	ON	991		1978.90
		35268	BRAMPTON	ONTARIO	ON	954		1509.69
		35269	BRAMPTON	ONTARIO	ON	850		2091.52
		35277	PARRY SOUND	ONTARIO	ON	955		2392.40
		35284	NIAGARA FALLS	ONTARIO	ON	904	2260.91	992.69
		35288	MILTON	ONTARIO	ON	930		2430.60
##	442	35326	KINGSTON	ONTARIO	ON	1031	10051.72	4363.65

шш	440	05044	VATIGITAN	OMENDEO	OM	700	2025 45	1207 01
		35344	VAUGHAN	ONTARIO	ON	788	3035.45	
		35366	UNKNOWN	QUEBEC	UNKNOWN	971	3904.35 1163.14	
		35440 35932	MARKHAM MAIDSTONE	ONTARIO ONTARIO	ON ON	416 475	1312.07	560.54 610.38
		36050	CALGARY	WEST	AB	349	578.9	281.02
		36269 36360	EDMONTON	WEST	AB	527	4428.31	
		36379	REGINA	WEST		1020	5965.93	
			LEDUC CROVE	WEST WEST	AB	785	2406.42 462.61	
		36445 36531	SPRUCE GROVE EDMONTON		AB	294 NA	733.04	201.65 341.25
		36559	MEDICINE HAT	WEST	AB	882	5236.08	
				WEST	AB			
		36599	CALGARY	WEST	AB	728	2383.19	
		36629	CALGARY	WEST	AB	314	715.56	359.27
		36665	WETASKIWIN	WEST	AB	865		1382.21
		36666	CALGARY	WEST	AB	718	2907.95	
		36718	DUGALD	WEST		1119	16266.5	
		36780	WINNIPEG	WEST	MB	964	3084.01	
		36813	REGINA	WEST	SK	958	8341.52	
		36922	STONY PLAIN	WEST	AB	919	6549.68	
		36997	CHILLIWACK	WEST	BC	769		1156.90
		37313	GRANDE PRAIRIE	WEST	AB		13059.53	
		37505	MORRIS	WEST	MB	658	4066.63	
		37531	LANGENBURG	WEST	SK	891	5697.37	
		37634	REGINA	WEST	SK	948	6302.88	
		37641	KAMLOOPS	WEST	BC	967		2776.44
		37668	AIRDRIE	WEST	AB		10706.51	
		37671	KELOWNA	WEST	BC	573	774.54	346.06
		37679	FORT MCMURRAY	WEST	AB	838	7992.31	
		37764	CALGARY	WEST	AB	930	5563.95	
		37815	MISSION	WEST	BC	880	6276.69	
		37855	CALGARY	WEST	AB	855	3854.63	
		37856	CALGARY	WEST	AB	970		2972.88
		37891	SHERWOOD PARK	WEST	AB	728	3108.22	
		37967	CALGARY	WEST	AB	739	2761.79	
		37972	CALGARY	WEST	AB	979	4138.25	
##		37996	EDMONTON	WEST	AB		10036.99	
		38598	WINNIPEG	WEST	MB	852	2036.05	912.69
		38787	UNKNOWN	QUEBEC	UNKNOWN	537	1616.52	668.31
		38820	EDMONTON	WEST	AB	972	5740.69	
		38827	WINNIPEG	WEST	MB	974	4854.17	
		38860	CALGARY	WEST	AB	915	4584.24	
		38862	CALGARY	WEST	AB	930	6730.56	
		38866	LANGLEY	WEST	BC	910		2431.88
		38869	ACHESON	WEST			18301.39	
		38877	CALGARY	WEST	AB	948	7235.54	
		38893	REGINA	WEST	SK	890		2069.92
		38898	EDMONTON	WEST	AB	822		1412.54
		38932	EDMONTON	WEST	AB	906	6303.81	
		38937	CHESTERMERE	WEST	AB	949	7641.76	
		38938	EDMONTON	WEST	AB	918	5001.18	
		38945	EDMONTON	WEST	AB	847	5139.88	
		38952	EDMONTON	WEST	AB	924	4028.43	
		38964	UNKNOWN	QUEBEC	UNKNOWN	706	3300.39	
##	490	38967	ALDERSYDE	WEST	AB	1046	18067.44	1203.33

		38977	CALGARY	WEST	AB	847		1566.00
		38983	ST. ALBERT	WEST	AB	947	7960.22	
		38988	EDMONTON	WEST	AB	886	4895.1	
		38996	GRANDE PRAIRIE	WEST		1013	21272.6	
		39023	UNKNOWN	QUEBEC	UNKNOWN		7883.14	
##	502	39024	CALGARY	WEST	AB	959	11827.27	4814.62
##	503	39026	ROCKY VIEW	WEST	AB	848	10317.85	4316.15
##	504	39038	MEDICINE HAT	WEST	AB	1017	10179.97	4142.12
##	505	39097	CALGARY	WEST	AB	950	10572.94	4363.19
##	506	39107	SPRUCE GROVE	WEST	AB	622	2772.45	1157.50
##	507	40048	LONDON	ONTARIO	ON	684	2610.81	1225.00
##	508	40356	CALEDON	ONTARIO	ON	419	1289.77	602.42
##	509	43023	BURLINGTON	ONTARIO	ON	684	1983.73	886.73
##	510	44611	CAMPBELLVILLE	ONTARIO	ON	709	5635.62	2479.02
##	511	44682	WATERDOWN	ONTARIO	ON	355	506.3	239.90
##	512	45313	BARRIE	ONTARIO	ON	893	4958.35	2201.46
##	513	45339	UNKNOWN	QUEBEC	UNKNOWN	642	2141.44	986.59
##	514	47717	KITCHENER	ONTARIO	ON	882	3247.51	1400.94
##	515	48293	LONDON	ONTARIO	ON	349	591.14	288.79
##	516	48314	LONDON	ONTARIO	ON	680	2191.05	975.67
##	517	48343	LONDON	ONTARIO	ON	331	608.08	288.38
##	518	48448	LONDON	ONTARIO	ON	553	2153.84	966.85
##	519	48772	WINDSOR	ONTARIO	ON	415	722.54	327.08
##	520	48798	WINDSOR	ONTARIO	ON	775	2402.34	1077.42
##	521	48877	WINDSOR	ONTARIO	ON	635	3760.8	1645.37
##	522	49708	MISSISSAUGA	ONTARIO	ON	372	1370.77	662.17
##	523	49745	DUNDAS	ONTARIO	ON	665	1371.41	636.56
##	524	49995	WHITBY	ONTARIO	ON	598	3292.34	1502.62
##	525	51660	OTTAWA	ONTARIO	ON	560	2696.16	1260.00
##	526	51720	WATERLOO	ONTARIO	ON	343	854.17	439.40
##	527	52212	OAKVILLE	ONTARIO	ON	NA	77.49	42.65
##	528	52224	OAKVILLE	ONTARIO	ON	866	5427.46	2394.77
##	529	52247	BURLINGTON	ONTARIO	ON	609	1694.96	767.81
##	530	52257	DUNDAS	ONTARIO	ON	736	3799.55	1648.23
##	531	52603	SUTTON WEST	ONTARIO	ON	828	2064.09	974.75
##	532	52801	LONDON	ONTARIO	ON	876	2732.99	1197.85
##	533	53002	BRADFORD	ONTARIO	ON	922	2413.32	1057.33
##	534	53616	VANIER	ONTARIO	ON	318	1066.93	546.98
##	535	53710	NIPIGON	ONTARIO	ON	843	3576.55	1451.48
##	536	54415	THUNDER BAY	ONTARIO	ON	402	2205.43	962.35
##	537	55102	SUDBURY	ONTARIO	ON	366	1133.08	530.75
##	538	55807	MISSISSAUGA	ONTARIO	ON	805	3043.51	1340.29
##	539	56105	BOLTON	ONTARIO	ON	762	2864.01	1256.96
		56533	WINDSOR	ONTARIO	ON	790	2879.86	1279.00
##	541	56715	SUDBURY	ONTARIO	ON	882	1933.02	821.73
		56756	NIAGARA FALLS	ONTARIO	ON	421	917.28	
		57213	BARRIE	ONTARIO	ON	392	1111.02	524.67
		57613	BRAMPTON	ONTARIO	ON	832		1019.44
		57623	MISSISSAUGA	ONTARIO	ON	753	2178.57	982.00
		57624	BRAMPTON	ONTARIO	ON	899		2057.17
		57625	MISSISSAUGA	ONTARIO	ON	776		1014.77
		57629	RICHMOND HILL	ONTARIO	ON	894		1435.10
		57635	DOWNSVIEW	ONTARIO	ON	808		1656.75
		58627	WHITBY	ONTARIO	ON	679		1815.13
					211	3		

```
## 551 58685
                           NORTH YORK ONTARIO
                                                         803 2031.11 909.96
## 552 58755
                           BELLEVILLE
                                      ONTARIO
                                                         697
                                                              3058.77 1358.08
                                                     UN
## 553 59003
                            TORONTO
                                       ONTARIO
                                                     ON 1000
                                                              6789.33 3019.79
                              TORONTO
## 554 59023
                                       ONTARIO
                                                     ON
                                                         898
                                                               3005.4 1388.44
## 555 59041
                              TORONTO
                                       ONTARIO
                                                     ON
                                                         972
                                                             7380.43 3235.06
## 556 59059
                           THORNHILL
                                       ONTARIO
                                                     ON
                                                         962 3600.52 1597.08
## 557 59075
                           NORTH YORK
                                                     ON
                                                         480
                                                               917.46 452.94
                                       ONTARIO
                           DOWNSVIEW
                                                         790
## 558 59111
                                       ONTARIO
                                                     ON
                                                               2987.2 1375.85
## 559 59114
                           NORTH YORK
                                       ONTARIO
                                                     ON
                                                         396
                                                               951.01 496.67
                                                     ON
                                                         396
## 560 59120
                           THORNHILL
                                       ONTARIO
                                                               611.49 304.56
## 561 59124
                           NORTH YORK
                                       ONTARIO
                                                     ON
                                                         833 4213.77 1931.65
                                                         866 2373.38 1147.13
## 562 59140
                          NORTH YORK
                                       ONTARIO
                                                     ON
## 563 59142
                          NORTH YORK
                                       ONTARIO
                                                     ON
                                                         528
                                                               952.63 474.75
## 564 59160
                          SCARBOROUGH
                                       ONTARIO
                                                     ON
                                                         673
                                                             1496.19 697.94
## 565 59166
                            ETOBICOKE
                                       ONTARIO
                                                     ON
                                                         784
                                                              3266.78 1528.38
## 566 59170
                            DON MILLS
                                       ONTARIO
                                                     ON
                                                         775
                                                              3067.37 1428.12
## 567 59172
                          SCARBOROUGH
                                                     ON
                                                         811
                                                              2272.69 1031.79
                                       ONTARIO
## 568 59177
                         SCARBOROUGH
                                       ONTARIO
                                                     ON
                                                         765
                                                              3100.52 1447.98
## 569 59192
                              TORONTO
                                       ONTARIO
                                                     ON
                                                         963
                                                             3741.75 1705.73
                         SCARBOROUGH ONTARIO
## 570 59212
                                                     ON
                                                         985
                                                             5703.12 2519.71
## 571 59221
                          ETOBICOKE ONTARIO
                                                     ON
                                                         518
                                                             1404.31 670.85
## 572 59222
                        SCARBOROUGH
                                       ONTARIO
                                                         981
                                                              6525.18 2950.69
## 573 59226
                          ETOBICOKE ONTARIO
                                                     ON
                                                         967
                                                                 3435 1545.85
## 574 59256
                          NORTH YORK
                                       ONTARIO
                                                     ON
                                                         746
                                                              3380.91 1556.62
## 575 59262
                                                     ON
                                                             3431.84 1583.25
                         MISSISSAUGA
                                       ONTARIO
                                                         574
## 576 59282
                         GLOUCESTER
                                       ONTARIO
                                                         672 5319.99 2364.29
## 577 59552
                            NAPANEE
                                      ONTARIO
                                                     ON
                                                         930
                                                              5052.72 2127.50
## 578 59647
                           PICKERING
                                                     ON
                                                         776
                                       ONTARIO
                                                              2355.68 1066.79
## 579 59679
                                                     ON
                           SMITHVILLE
                                       ONTARIO
                                                         409
                                                                 1047 450.17
## 580 60035
                           LONDON
                                       ONTARIO
                                                     ON
                                                         770
                                                              2520.51 1122.00
## 581 60077
                           CAMBRIDGE
                                       ONTARIO
                                                     ON
                                                         406
                                                              1171.95 531.81
## 582 60293
                           PICKERING
                                       ONTARIO
                                                     ON
                                                         347
                                                              2058.67 989.50
## 583 60651
                            SCHOMBERG
                                       ONTARIO
                                                     ON
                                                         464
                                                              1073.78 502.50
## 584 60956
                        MISSISSAUGA
                                       ONTARIO
                                                     ON
                                                         402
                                                               757.27 370.15
## 585 62931
                       LAC DU BONNET
                                          WEST
                                                     MB
                                                         933
                                                             3010.85 1259.02
## 586 63013
                             BRANDON
                                          WEST
                                                     MB
                                                         792 7126.33 2963.48
## 587 63116
                  PORTAGE LA PRAIRIE
                                          WEST
                                                     MB
                                                         919
                                                             6272.56 2711.42
## 588 63370
                              SELKIRK
                                          WEST
                                                     MB
                                                         775
                                                              1834.85 777.58
## 589 63426
                            OAK BLUFF
                                          WEST
                                                     MB
                                                         930
                                                              4870.05 2082.23
## 590 63510
                              BRANDON
                                                     MB
                                                         707
                                                              2576.09 1144.06
                                          WEST
## 591 63600
                            NEWMARKET
                                                         754 3338.11 1466.33
                                      ONTARIO
## 592 63936
                            WINNIPEG
                                          WEST
                                                     MB
                                                         714 1152.99 518.83
## 593 63940
                             WINNIPEG
                                          WEST
                                                     MB
                                                         975
                                                               4025.8 1710.31
                                                         574
## 594 63957
                            WINNIPEG
                                          WEST
                                                     MB
                                                               1828.9 863.94
## 595 63966
                                          WEST
                                                         955
                            WINNIPEG
                                                     MB
                                                               2795.8 1145.21
## 596 63982
                                          WEST
                                                     MB
                                                         987
                                                               2299.8 1015.54
                            WINNIPEG
## 597 63994
                            WINNIPEG
                                          WEST
                                                     MB
                                                         974
                                                             2783.95 1196.06
## 598 63995
                                          WEST
                                                     MB
                                                         961
                                                              2752.23 1166.37
                            WINNIPEG
## 599 63999
                           WINNIPEG
                                          WEST
                                                     MB
                                                         954
                                                              2595.79 1094.46
## 600 65003
                               KANATA
                                       ONTARIO
                                                     ON
                                                         749
                                                              3685.67 1650.75
## 601 65004
                                                     ON
                                                         850
                                                                    R 1796.31
                               OTTAWA
                                       ONTARIO
## 602 65005
                             WATERLOO
                                       ONTARIO
                                                     ON
                                                         803
                                                              2302.31 1009.81
## 603 65007
                             BRAMPTON
                                      ONTARIO
                                                     ON
                                                         803
                                                              2699.86 1217.50
## 604 65008
                        RICHMOND HILL ONTARIO
                                                     ON 944 2619.45 1179.65
```

##	605	65010	OTTAWA	ONTARIO	ON	850	5812.54	2602.63
##	606	65013	OAKVILLE	ONTARIO	ON	832	1751.23	770.42
##	607	65014	MISSISSAUGA	ONTARIO	ON	806	2998.01	1299.21
##	608	65015	OTTAWA	ONTARIO	ON	766	2884.75	1313.50
##	609	65016	NEWMARKET	ONTARIO	ON	761	2524.77	1131.27
##	610	65019	KITCHENER	ONTARIO	ON	795	5956.65	2494.60
##	611	65021	MISSISSAUGA	ONTARIO	ON	775	4749.3	2162.35
##	612	65025	AWATTO	ONTARIO	ON	785	3224.67	1425.65
##	613	65026	CORNWALL	ONTARIO	ON	794	3864.11	1689.48
##	614	65027	WATERLOO	ONTARIO	ON	755	4228.27	1841.12
##	615	65028	KESWICK	ONTARIO	ON	810	4784.06	2089.15
##	616	65029	MARKHAM	ONTARIO	ON	773	1754.73	812.50
##	617	65036	WHITBY	ONTARIO	ON	793	3023.12	1355.31
##	618	65037	BELLEVILLE	ONTARIO	ON	807	8629.28	3773.10
##	619	65038	AJAX	ONTARIO	ON	784	3623.13	1648.17
##	620	65041	THORNHILL	ONTARIO	ON	787	3350.08	1543.56
##	621	65042	OTTAWA	ONTARIO	ON	800	3402.78	1544.79
##	622	65043	BRAMPTON	ONTARIO	ON	766	2880.52	1432.60
##	623	65044	STITTSVILLE	ONTARIO	ON	811	3165.65	1393.40
##	624	65045	THORNHILL	ONTARIO	ON	773	4093.49	1864.96
##	625	65046	KINGSTON	ONTARIO	ON	693	4037.04	1823.67
##	626	65047	THORNHILL	ONTARIO	ON	816	2766.28	1256.48
##	627	65048	OTTAWA	ONTARIO	ON	765	4311.01	1868.94
##	628	65050	RICHMOND HILL	ONTARIO	ON	825	2903.95	1305.48
##	629	65051	TRENTON	ONTARIO	ON	351	1903.81	890.79
##	630	65052	GUELPH	ONTARIO	ON	760	1995.71	877.96
##	631	65053	MARKHAM	ONTARIO	ON	788	2276.99	1050.37
##	632	65054	KANATA	ONTARIO	ON	841	3024.63	1302.42
##	633	65056	NIAGARA FALLS	ONTARIO	ON	775	3337.21	1474.35
##	634	65069	CONCORD	ONTARIO	ON	774	3587.13	1666.25
##	635	65070	KINGSTON	ONTARIO	ON	754	2065.21	942.90
##	636	65073	WINDSOR	ONTARIO	ON	735	1485.87	667.00
##	637	65076	KITCHENER	ONTARIO	ON	835	3394.84	1487.44
##	638	65077	WOODSTOCK	ONTARIO	ON	779	3772.52	1650.77
##	639	65078	COBOURG	ONTARIO	ON	807	4456.24	1977.92
##	640	65095	BURLINGTON	ONTARIO	ON	714	2369.5	1071.42
##	641	65097	BRAMPTON	ONTARIO	ON	770	5159.08	2345.65
##	642	65200	LONDON	ONTARIO	ON	798	3077.22	1362.04
##	643	65208	ST. THOMAS	ONTARIO	ON	800	4264.47	1831.17
##	644	65210	THORNTON	ONTARIO	ON	489	2324.97	1076.13
##	645	65212	TORONTO	ONTARIO	ON	816	3154.09	1422.15
##	646	65214	HAVELOCK	ONTARIO	ON	407	1425.46	626.92
##	647	65215	ACTON	ONTARIO	ON	394	1061.69	493.44
##	648	65218	VAUGHAN	ONTARIO	ON	771	1815.32	830.63
##	649	65231	INGERSOLL	ONTARIO	ON	410	1875.4	848.19
##	650	65234	OWEN SOUND	ONTARIO	ON	372	637.88	286.08
		65235	HORNBY	ONTARIO	ON	441	1065.67	489.52
##	652	65236	BROCKVILLE	ONTARIO	ON	789	4382.16	1937.63
##	653	65239	HAMILTON	ONTARIO	ON	855	4406	1886.87
		65240	BEAVERTON	ONTARIO	ON	532	2519.86	1143.96
##	655	67800	MARKHAM	ONTARIO	ON	907	1858.17	838.10
##	656	68064	WEST VANCOUVER	WEST	BC	546	977.15	459.54
##	657	68068	SURREY	WEST	BC	380	573.27	290.69
##	658	68079	KELOWNA	WEST	BC	953	4428.96	1924.31

##	659	68126	RICHMOND	WEST	ВС	917	7001.15	3191.27
##		68131	KAMLOOPS	WEST			18169.86	
##		68132	SURREY	WEST	BC	736	2307.53	
##		68254	MERRITT	WEST	BC	771	2468.41	
##	663	68262	MAPLE RIDGE	WEST	BC	757	2042.89	882.23
##	664	68285	PEMBERTON	WEST	BC	981	9386.74	3848.04
##	665	68287	KELOWNA	KELOWNA WEST BC 949 7877.63		7877.63	3310.98	
##	666	68288	KAMLOOPS	WEST	BC	880	4516.81	1888.37
##	667	68295	ABBOTSFORD	WEST	BC	899	3678.11	1631.25
##	668	69061	GIBSONS	WEST	BC	1007	6127.6	2530.25
##	669	69820	COQUITLAM	WEST	BC	1057	4679.46	2027.08
##	670	69830	ABBOTSFORD	WEST	BC	925	9705.24	4114.48
##	671	69843	COQUITLAM	WEST	BC	761	4848.31	2096.75
##	672	69849	SURREY	WEST	BC	963	4181.2	1853.80
##	673	69874	PEACHLAND	WEST	BC	943	6498.34	2723.73
##	674	69903	VICTORIA	WEST	BC	593	1337.7	605.21
##	675	69910	ABBOTSFORD	WEST	BC	854	3528.13	1553.60
##	676	69916	VERNON	WEST	BC	856	4906.96	2080.46
##	677	69921	VICTORIA	WEST	BC	958	4808.46	2070.92
##	678	69926	ABBOTSFORD	WEST	BC	455	1167.45	541.21
##	679	69975	ABBOTSFORD	WEST	BC	943	3502.71	1523.42
##	680	70007	SURREY	WEST	BC	822	3845.51	1705.46
##	681	72014	YORKTON	WEST	SK	885	7204.81	2950.17
##	682	74156	MOOSE JAW	WEST	SK	829	3418.26	1359.21
##	683	74485	REGINA	WEST	SK	910	4850.86	1987.58
##	684	74487	REGINA	WEST	SK	389	751.79	337.98
##	685	74511	SASKATOON	WEST	SK	406	2362.38	1077.90
##	686	74642	NORTH BATTLEFORD	WEST	SK	917	14406.18	5888.46
##	687	74977	SASKATOON	WEST	SK	959	5162.55	2170.44
##	688	77809	NISKU	WEST	AB	982	9964.61	4034.85
##	689	77817	SHERWOOD PARK	WEST	AB	611	2055.39	856.67
##	690	77829	CALGARY	WEST	AB	802	6319.84	2678.66
##	691	77831	EDMONTON	WEST	AB	916	5816.38	2378.40
##	692	77857	EDMONTON	WEST	AB	721	3758.83	1483.23
##	693	79696	SASKATOON	WEST	SK	344	824.1	387.54
##	694	79899	BATTLEFORD	WEST	SK	779	2846.59	1199.88
##	695	81162	CALGARY	WEST	AB	690	1823.16	796.29
##	696	84325	JASPER	WEST	AB	900	5623.57	2212.17
##	697	84374	CALGARY	WEST	AB	328	769.17	375.00
##	698	84422	EDMONTON	WEST	AB	666	4537.62	1946.94
##	699	85384	EDMONTON	WEST	AB	684	2571.31	1145.88
##	700	85415	AIRDRIE	WEST	AB	832	6650.36	2723.40
##	701	85447	CALGARY	WEST	AB	859	7241.76	3093.63
##	702	85449	CALGARY	WEST	AB	495	1929.83	868.37
##	703	85468	CALGARY	WEST	AB	678	4313.78	1813.44
##	704	85490	CALGARY	WEST	AB	662	3796.49	1630.70
##	705	85527	CALGARY	WEST	AB	997	24686.72	9715.83
		85529	CANMORE	WEST	AB	910	6465.41	
		85541	MEDICINE HAT	WEST	AB	848	4407.85	
		85618	ST. ALBERT	WEST	AB	948		2732.92
		85622	RED DEER	WEST		1004		3494.94
		85646	RED DEER	WEST	AB	728		1785.27
		85649	HINTON	WEST	AB		12889.77	
##	712	85948	EDMONTON	WEST	AB	692	2701.29	1223.31

##	713	85964	EDMONTON	WEST	AB	946	6685.68	2795.35
##	714	85965	EDMONTON	WEST	AB	984	9303.59	3906.62
##	715	85986	EDMONTON	WEST	AB	604	4186.98	1819.48
##	716	87611	LETHBRIDGE	WEST	AB	831	2039.04	857.31
##	717	87672	CALGARY	WEST	AB	754	6002.7	2668.96
##	718	89180	SHERWOOD PARK	WEST	AB	625	3977.68	1709.60
##	719	89323	CALGARY	WEST	AB	925	6824.46	2943.25
##	720	89449	LETHBRIDGE	WEST	AB	910	6209.26	2666.08
##	721	89494	EDMONTON	WEST	AB	989	7203.22	3067.16
##	722	89508	CALGARY	WEST	AB	882	1903.97	800.27
##	723	91191	RICHMOND	WEST	BC	336	615.24	304.12
##	724	91192	VANCOUVER	WEST	BC	340	832.87	420.29
##	725	91193	VICTORIA	WEST	BC	527	1583.38	715.64
##	726	91200	VICTORIA	WEST	BC	490	1880.01	878.82
##	727	91203	NORTH VANCOUVER	WEST	BC	493	1658.69	784.42
##	728	91214	HOPE	WEST	BC	773	3124.94	1410.33
##	729	91215	VANCOUVER	WEST	BC	734	2082.79	946.48
##	730	91226	PORT ALBERNI	WEST	BC	985	6216.88	2540.29
##	731	91227	SURREY	WEST	BC	910	2541.72	1119.13
##	732	91244	CAMPBELL RIVER	WEST	BC	860	3366.81	1466.69
##	733	91280	VICTORIA	WEST	BC	808	2458.16	1117.44
##	734	91298	COURTENAY	WEST	BC	939	3821.16	1643.88
##	735	91316	WHITE ROCK	WEST	BC	486	892.82	409.54
##	736	91324	COQUITLAM	WEST	BC	756	3197.3	1429.52
##	737	91326	VERNON	WEST	BC	709	3810.5	1614.98
##	738	91329	VICTORIA	WEST	ВС	708	1377.88	617.85
##	739	91340	VANCOUVER	WEST	BC	861	2552.91	1144.08
##	740	91361	PRINCE GEORGE	WEST	BC	972	7074.91	2907.37
##	741	91391	NEW WESTMINSTER	WEST	BC	834	7810.2	3385.25
##	742	91397	COQUITLAM	WEST	BC	723	1896.82	836.75
##	743	91404	NORTH VANCOUVER	WEST	BC	841	8143.33	3493.31
##	744	91417	TSAWWASSEN	WEST	BC	297	593.52	295.19
##	745	91437	RICHMOND	WEST	BC	826	1574.4	715.48
##	746	91445	RICHMOND	WEST	BC	810	2098.29	933.44
##	747	91450	NANAIMO	WEST	BC	529	773.52	370.12
##	748	91685	SORRENTO	WEST	BC	665	2941.21	1240.13
##	749	91762	VANCOUVER	WEST	BC	512	1247.6	564.48
##	750	91888	VICTORIA	WEST	BC	641	1865.07	868.96
##	751	91890	CALGARY	WEST	AB	742	2883.32	1294.69
##	752	91946	VALEMOUNT	WEST	BC	1089	15618.66	6275.65
##	753	92110	CAMPBELL RIVER	WEST	BC	660	2273.07	1017.58
##	754	92523	VANCOUVER	WEST	BC	322	1277.73	595.90
##	755	92529	PORT MOODY	WEST	BC	842	3174.81	1388.42
##	756	92557	DELTA	WEST	BC	797	2333.66	1027.71
##	757	92564	SURREY	WEST	BC	881	2937.11	1264.23
##	758	92575	VICTORIA	WEST	BC	822	5197.96	2235.63
##	759	92576	VANCOUVER	WEST	BC	1015	8486.7	3814.65
##	760	92579	NORTH VANCOUVER	WEST	BC	948	7210.76	3099.81
##	761	92580	VANCOUVER	WEST	BC	614	2018.95	939.65
		92583	VANCOUVER	WEST	BC	614	1940.79	
		92586	VANCOUVER	WEST	BC	379	608.04	
		92589	PRINCETON	WEST	ВС	904		2323.46
		92591	BURNABY	WEST	BC	872		1748.50
		94285	UNKNOWN	QUEBEC	UNKNOWN	343	1121.61	534.63
				•				

##	767	95198		SOOKE	WEST	BC 707	2910.59	1305.92
##	768	95342	MAI	PLE RIDGE	WEST	BC 711	1786.36	789.38
##	769	95849	7	/ANCOUVER	WEST	BC 444	1497.23	703.52
##	770	97250		WINNIPEG	WEST	MB 723	2093.18	928.54
##	771	98788	7	/ANCOUVER	WEST	BC 885	3753.52	1644.13
##		cost	${\tt gross_profit}$	${\tt promo_units}$	energy_units	regula	rBars_unit	s gum_units
##	1	590.73	393.97	210.23	72.13	3	38.6	3 29.29
##	2	1621.58	1007.74	401.46	192.77		75.04	4 55.85
##		1709.45	1077.27	450.04	240.48		93.7	
##		1719.61	1114.88	476.83	194.21		99.4	
##		2485.83	1632.53	664.71	199.73		175.48	
##		227.36	147.47	79.23	34.23		17.0	
##		5069.99	3125.27	1143.33	419.19		271.58	
##		1172.38	809.08	300.87	135.87		44.1	
##		2995.62	1846.06	657.31	248.42		175.3	
	10	3315.70	2119.76	868.54	319.12		187.0	
	11	3528.08	1812.12	735.56	377.44		181.7	
	12	1603.54	972.43	454.08	228.44		85.8	
	13	1372.06	989.18	367.48	150.37		95.79	
	14	1686.44	1024.76	393.96	222.31		89.2	
	15	1082.18	642.36	318.44	124.37		58.3	
	16	1768.16	1053.80	428.08	209.79		93.6	
	17	345.12	220.18	90.40	54.56		24.2	
	18	3118.37	1956.66	790.52	413.02		155.4	
	19	288.30	177.15	68.15	38.25		16.73	
	20	1484.01	830.77	483.96	196.63		102.7	
	21	857.48	515.18	287.71	129.60		52.40	
	22	1965.10	1081.58	600.40	156.37		153.90	
	23 24	1504.90 2008.04	863.75	494.10	187.92		101.2	
	2 4 25	1157.46	1202.82 663.66	580.10 410.12	231.52 184.77		113.79 72.5	
	26	1009.17	667.71	283.77	86.62		66.8	
	27	820.63	552.25	202.38	81.00		62.8	
	28	1184.06	772.44	307.27	139.12		83.5	
	29	2700.45	1730.32	685.00	326.69		166.1	
	30	2693.34	1656.94	728.87	283.54		152.0	
	31	2882.67	1884.04	750.69	343.42		174.29	
	32	1523.42	955.38	421.38	207.79		75.98	
	33	1516.95	924.38	416.42	181.33		114.60	
	34	1415.84	951.78	404.46	205.71		123.29	
	35	1676.00	1066.16	415.85	184.46		124.9	
	36	2311.43	1485.91	578.62	280.54		167.9	
	37	832.84	511.61	302.50	125.96		61.10	
	38	1534.46	1014.58	358.12	156.52		100.40	
	39	2180.60	1448.20	518.08	233.00		121.7	
	40	2579.87	1501.88	748.50	311.62		161.2	
	41	2109.93	1362.11	542.40	241.29		133.50	
	42	2577.45	1576.30	615.37	241.65		156.38	
	43	1704.14	1029.57	457.60	205.06		100.1	
	44	1901.28	1101.67	571.00	235.08		114.3	
	45	3889.55	2375.18	897.83	297.02		232.40	
	46	2369.64	1387.15	663.98	330.63		139.5	
##	47	702.59	441.21	247.65	93.12		63.5	
##	48	2763.15	1702.46	738.52	312.40		194.9	

	4.0	0740 00	4.075.05	740 00	004 04	407.07	100.07
	49	2746.36	1675.65	749.38	261.04	187.67	106.27
##		893.79	552.13	323.27	88.65	99.02	67.87
##	51	1077.45	673.50	358.15	102.73	100.77	53.06
##	52	2185.83	1252.28	616.46	241.31	133.12	96.04
##	53	2349.28	1466.13	662.13	268.54	145.54	107.50
##	54	522.67	347.60	127.48	80.96	30.19	33.81
##	55	2053.21	1222.16	570.33	223.38	116.73	72.77
##	56	2066.16	1304.75	655.13	199.06	162.21	120.87
##	57	1656.08	1051.02	519.04	201.19	102.73	99.12
	58	1409.13	933.46	297.88	147.69	84.10	62.79
##		1607.61	1021.87	375.15	134.58	93.73	50.98
##		1479.77	931.56	469.85	171.94	107.46	79.42
##		1221.40	809.37	345.58	135.44	87.04	69.73
	62	1871.10	1272.51	492.85	197.88	117.33	104.52
	63	1777.82	1150.93	553.19	170.21	128.29	101.90
	64	997.74	623.32	295.67	134.06	73.42	57.38
##		649.71	423.16	225.96	95.83	61.08	47.83
##		2168.92	1295.05	593.58	318.25	111.15	83.23
	67	1229.05	726.08	445.02	146.44	89.75	64.46
##	68	271.36	157.74	78.00	50.13	11.62	7.02
##	69	1801.93	1204.51	440.33	156.02	121.94	99.62
##	70	1519.51	968.13	426.56	192.08	81.02	69.25
##	71	3142.57	1959.07	790.75	196.62	259.04	122.33
##	72	1521.45	862.04	352.33	114.12	89.25	78.19
##	73	3440.90	2311.37	826.48	326.12	164.37	211.15
##	74	2625.01	1744.23	671.35	253.79	150.81	151.08
##	75	1411.32	941.74	337.90	159.50	95.38	107.40
##	76	1434.81	968.78	377.90	128.77	86.23	87.29
##	77	1691.97	1039.62	506.58	204.83	109.23	92.62
	78	2104.15	1379.40	549.29	228.92	139.56	119.42
##		1566.53	993.59	450.85	180.31	96.87	135.42
##		1581.96	1089.72	435.62	186.79	106.23	119.83
##		1064.87	632.74	373.29	149.77	86.54	52.06
	82	304.30	195.40	74.46	38.96	19.62	11.77
	83	2073.72	1312.62	597.75	234.73	127.62	94.81
	84	1469.48					
			963.54	411.17	133.48	97.77	79.56
##		1626.02	949.68	425.40	142.06	79.35	56.08
	86	3092.05	2074.10	732.96	352.19	165.73	162.37
	87	1843.41	1185.78	510.25	162.23	155.23	115.94
	88	901.82	563.49	389.27	151.41	104.24	72.98
	89	939.78	578.94	217.08	81.42	90.67	35.75
	90	1564.73	962.36	440.27	164.19	118.67	81.38
	91	1031.13	654.78	330.48	139.77	100.94	74.90
##	92	1738.47	1064.40	410.04	247.56	90.08	69.27
##	93	1793.96	1105.21	448.21	255.63	83.12	122.17
##	94	918.95	598.50	270.60	94.94	62.54	61.94
##	95	1878.54	1160.72	634.50	222.29	145.94	82.85
##	96	2205.25	1370.67	591.13	275.67	117.75	114.50
##	97	1494.04	836.89	506.54	221.33	109.38	70.85
##	98	1492.34	898.95	457.77	171.58	92.60	65.75
##	99	1160.14	724.62	335.90	146.92	85.37	58.25
	100	2572.95	1619.19	643.90	244.35	141.40	110.25
	101	1058.49	686.14	309.02	104.00	68.90	53.08
	102	721.25	433.07	203.90	48.52	57.04	26.04
	-						

	400	1100 10	775 04	000 10	440.47	20.00	40 77
	103	1199.10	775.34	268.46	118.17	68.06	42.77
	104	3393.54	2004.73	982.38	365.90	185.77	104.98
##	105	405.95	255.96	134.88	52.83	41.62	28.10
##	106	1674.21	1073.05	412.48	194.38	102.00	111.85
##	107	1717.85	1072.45	471.37	198.71	128.21	89.25
##	108	2611.65	1550.43	697.37	324.56	152.94	110.77
##	109	1278.75	762.39	380.94	148.69	85.40	60.88
##	110	472.99	305.30	123.00	70.21	20.60	23.83
##	111	1546.95	1049.18	359.42	196.50	73.19	51.92
	112	2609.01	1728.46	611.17	273.27	123.17	83.77
	113	2610.60	1596.89	693.71	306.25	177.96	76.65
	114	2066.55	1406.23	450.46	172.19	96.12	50.06
	115	2565.22	1661.33	698.98	226.13	125.29	71.12
	116	1995.27	1331.82	426.35	198.75	98.60	71.48
	117	1759.72	1186.84	505.37	201.55	96.22	74.41
	118	1563.99	1004.46	412.63	219.85	103.35	68.29
	119	1134.23	791.40	283.12	119.67	37.42	29.08
##	120	4780.12	2867.41	1009.96	445.35	231.42	87.56
##	121	1375.59	812.45	455.25	136.83	99.83	59.73
##	122	1846.30	1165.83	584.35	236.98	78.83	71.77
##	123	4450.82	2760.18	942.83	284.52	288.79	99.69
##	124	3959.91	2630.41	744.52	392.46	155.67	127.42
##	125	4184.11	2705.31	1099.96	353.88	195.37	110.71
##	126	3987.11	2342.87	884.25	349.21	181.85	93.60
	127	1226.96	762.75	364.88	144.69	92.19	45.90
	128	2306.72	1453.76	734.81	273.25	145.50	66.13
	129	793.92	556.21	165.75	46.77	59.94	38.06
	130	1436.26	905.29	367.73	123.90	75.54	52.46
	131	454.98					22.75
			290.89	119.38	42.46	26.48	
	132	2537.86	1484.04	652.77	238.98	113.85	86.52
	133	1564.74	1013.86	395.23	158.40	87.79	53.73
	134	3201.91	2089.28	648.54	229.25	125.50	124.50
	135	6753.83	4814.99	1762.65	520.42	323.04	168.44
	136	4465.17	2824.60	904.81	314.88	245.06	94.48
##	137	852.88	575.24	263.96	86.62	40.46	36.90
##	138	935.79	649.56	228.58	79.98	45.12	24.73
##	139	3394.49	2198.22	753.08	435.98	180.56	146.60
##	140	3520.92	2260.96	964.87	306.54	159.37	112.50
##	141	5316.43	3069.17	1232.17	446.62	252.25	96.13
##	142	1328.40	875.34	306.90	170.21	64.58	47.65
	143	2106.21	1246.06	578.67	209.46	138.81	53.73
	144	1293.95	807.62	320.48	164.71	79.77	47.48
	145	6414.21	4500.94	1251.58	382.60	356.12	85.60
	146	1728.31	1016.10	424.02	142.65	97.50	62.58
	147	621.39	414.13	154.35	64.44	29.48	32.19
		10644.28			1221.50		160.88
			7315.88	2091.77		384.88	
	149	789.38	478.70	225.46	69.19	55.12	39.48
	150	1789.59	1135.67	520.00	193.92	123.17	63.79
	151	452.57	307.28	103.17	47.79	24.48	22.65
	152	293.74	175.75	82.00	18.71	22.53	10.12
	153	915.34	586.86	235.46	95.13	61.75	37.65
##	154	1975.39	1148.61	423.08	264.46	88.46	45.92
##	155	509.89	331.41	146.56	46.73	36.40	30.81
##	156	1009.52	613.02	320.81	110.73	76.25	39.29

##	157	2111.10	1309.99	641.42	225.77	148.50	70.02
	158	707.80	443.70	190.62	51.40	54.75	33.08
	159	1718.56	1267.38	460.13	137.87	112.31	36.65
	160				704.02		126.77
	161	6879.04	4276.03	1843.15		302.31	77.88
		2699.10	1735.60	765.94 178.29	232.69	165.33	49.83
	162	870.59	601.81		63.40	49.31	
	163	2132.52	1300.45	599.75	201.12	110.46	48.10
	164	1392.69	838.76	402.42	203.94	87.21	61.00
	165	2221.85	1309.42	666.96	354.92	118.42	81.65
	166	1069.82	654.93	352.17	150.10	75.44	51.21
	167	2636.47	1688.39	703.54	274.50	181.23	102.48
	168	487.68	310.33	179.92	69.65	46.50	29.88
	169	305.88	200.42	89.96	39.73	22.21	17.90
	170	2879.19	2065.93	736.02	276.53	137.18	80.16
	171	1440.83	973.84	366.06	119.10	94.21	56.48
	172	732.58	461.94	273.23	112.38	52.67	55.40
	173	255.58	137.89	125.94	44.04	34.17	16.25
	174	700.84	415.40	300.25	136.12	53.87	53.23
	175	353.64	221.79	101.50	54.25	34.10	22.48
	176	1547.48	933.23	482.44	204.13	107.02	65.19
	177	173.00	113.98	84.81	20.29	17.15	13.46
	178	809.44	478.51	264.71	161.15	50.48	36.96
##	179	1015.70	595.19	339.65	164.00	61.31	50.19
##	180	854.82	538.03	266.79	90.21	78.31	37.63
##	181	2437.29	1529.56	821.46	227.54	167.88	86.40
##	182	354.96	269.87	66.40	46.12	33.38	41.35
##	183	720.59	449.22	256.12	90.77	72.46	32.87
##	184	1051.63	660.09	336.72	149.30	65.30	39.28
##	185	2319.13	1554.22	635.27	207.00	150.63	175.52
##	186	187.64	109.55	80.63	14.90	25.79	32.15
##	187	1968.83	1257.99	530.77	255.63	138.48	79.94
##	188	1656.93	1060.87	456.10	190.60	133.31	77.62
##	189	1577.76	1008.20	402.29	163.23	115.87	65.69
##	190	2092.35	1365.65	639.94	280.48	153.88	97.25
##	191	265.21	176.16	108.63	38.15	32.96	14.69
##	192	530.14	371.94	179.52	73.83	52.81	37.15
##	193	218.40	150.85	68.35	33.46	18.21	17.46
##	194	2481.79	1576.95	751.10	333.90	145.63	107.96
##	195	193.44	131.47	73.17	24.63	21.29	25.75
##	196	352.02	239.76	110.75	50.94	30.96	28.38
##	197	1618.50	1070.85	407.02	165.31	105.85	91.12
##	198	757.28	542.59	212.12	123.10	76.58	80.10
##	199	1961.37	1210.07	546.40	161.29	108.37	65.10
##	200	1903.67	1108.61	548.98	221.90	109.08	82.67
##	201	1175.90	715.48	350.79	181.48	118.48	77.04
##	202	2276.85	1229.95	682.69	296.10	110.65	84.87
##	203	828.06	535.65	228.69	101.42	55.79	36.10
	204	214.91	123.67	100.71	38.52	21.42	15.29
	205	1980.85	1233.59	574.40	269.15	109.04	80.27
	206	1678.40	1032.41	470.81	184.13	83.94	61.46
	207	1245.57	726.32	356.92	202.40	75.79	44.94
	208	531.01	326.51	214.71	57.75	69.87	33.27
	209	1696.15	1000.68	565.87	241.65	103.00	64.92
	210	1377.98	806.49	414.77	171.21	77.21	63.98
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## 211 1581.65 869.75 471.81 185.54 102.00 ## 212 981.42 535.54 343.54 128.81 59.92 ## 213 1950.36 1124.49 571.35 218.06 116.52 ## 214 1707.58 1111.28 481.65 242.50 89.65 ## 215 2599.10 1440.06 450.62 412.09 96.72 ## 216 1653.27 982.92 347.50 134.50 99.38 ## 217 2983.46 1874.70 822.92 573.94 144.52 ## 218 1979.36 1228.26 623.08 330.35 124.94 ## 219 1385.12 905.45 373.10 184.38 96.73 ## 220 2165.02 1412.52 615.98 333.94 111.12 ## 221 1393.83 870.63 412.02 298.92 75.37 ## 222 2225.35 1565.26 699.08 335.27 136.13 ## 223 2414.42 1448.87 651.38 489.27 119.31 ## 224 5140.70 3759.57 1146.98 561.13 292.00	53.42 35.60 48.13 95.08 72.09 59.94 165.42 160.56 79.10 132.37 88.79
## 213 1950.36	48.13 95.08 72.09 59.94 165.42 160.56 79.10 132.37 88.79
## 214 1707.58	95.08 72.09 59.94 165.42 160.56 79.10 132.37 88.79
## 215 2599.10	72.09 59.94 165.42 160.56 79.10 132.37 88.79
## 216 1653.27 982.92 347.50 134.50 99.38 ## 217 2983.46 1874.70 822.92 573.94 144.52 ## 218 1979.36 1228.26 623.08 330.35 124.94 ## 219 1385.12 905.45 373.10 184.38 96.73 ## 220 2165.02 1412.52 615.98 333.94 111.12 ## 221 1393.83 870.63 412.02 298.92 75.37 ## 222 2225.35 1565.26 699.08 335.27 136.13 ## 223 2414.42 1448.87 651.38 489.27 119.31 ## 224 5140.70 3759.57 1146.98 561.13 292.00	59.94 165.42 160.56 79.10 132.37 88.79
## 217 2983.46 1874.70 822.92 573.94 144.52 ## 218 1979.36 1228.26 623.08 330.35 124.94 ## 219 1385.12 905.45 373.10 184.38 96.73 ## 220 2165.02 1412.52 615.98 333.94 111.12 ## 221 1393.83 870.63 412.02 298.92 75.37 ## 222 2225.35 1565.26 699.08 335.27 136.13 ## 223 2414.42 1448.87 651.38 489.27 119.31 ## 224 5140.70 3759.57 1146.98 561.13 292.00	165.42 160.56 79.10 132.37 88.79
## 218 1979.36 1228.26 623.08 330.35 124.94 ## 219 1385.12 905.45 373.10 184.38 96.73 ## 220 2165.02 1412.52 615.98 333.94 111.12 ## 221 1393.83 870.63 412.02 298.92 75.37 ## 222 2225.35 1565.26 699.08 335.27 136.13 ## 223 2414.42 1448.87 651.38 489.27 119.31 ## 224 5140.70 3759.57 1146.98 561.13 292.00	160.56 79.10 132.37 88.79
## 219 1385.12 905.45 373.10 184.38 96.73 ## 220 2165.02 1412.52 615.98 333.94 111.12 ## 221 1393.83 870.63 412.02 298.92 75.37 ## 222 2225.35 1565.26 699.08 335.27 136.13 ## 223 2414.42 1448.87 651.38 489.27 119.31 ## 224 5140.70 3759.57 1146.98 561.13 292.00	79.10 132.37 88.79
## 220 2165.02 1412.52 615.98 333.94 111.12 ## 221 1393.83 870.63 412.02 298.92 75.37 ## 222 2225.35 1565.26 699.08 335.27 136.13 ## 223 2414.42 1448.87 651.38 489.27 119.31 ## 224 5140.70 3759.57 1146.98 561.13 292.00	132.37 88.79
## 221 1393.83 870.63 412.02 298.92 75.37 ## 222 2225.35 1565.26 699.08 335.27 136.13 ## 223 2414.42 1448.87 651.38 489.27 119.31 ## 224 5140.70 3759.57 1146.98 561.13 292.00	88.79
## 222 2225.35 1565.26 699.08 335.27 136.13 ## 223 2414.42 1448.87 651.38 489.27 119.31 ## 224 5140.70 3759.57 1146.98 561.13 292.00	
## 223 2414.42 1448.87 651.38 489.27 119.31 ## 224 5140.70 3759.57 1146.98 561.13 292.00	07 00
## 224 5140.70 3759.57 1146.98 561.13 292.00	97.69
	103.56
	183.42
## 225 4505.16 3285.78 991.21 551.62 260.83	178.33
## 226 2653.18 1575.16 662.94 379.27 122.13	123.13
## 227 1199.57 721.79 409.74 138.12 75.32	60.74
## 228 2605.50 1491.28 835.19 306.04 244.00	61.77
## 229 1636.38 1032.46 394.83 154.92 122.38	57.12
## 230 1213.33 753.14 331.48 150.23 88.33	46.46
## 231 1974.87 1127.79 524.15 184.08 144.31	50.13
## 232 1495.20 898.34 342.00 171.17 90.42	33.69
## 233 1427.68 875.73 378.81 148.38 95.65	48.13
## 234 4417.72 2760.09 1277.67 468.85 270.40	136.67
## 235 1969.05 1119.55 558.06 272.90 129.21	55.13
## 236 3111.52 1733.54 843.71 400.42 181.04	80.88
## 237 1630.48 961.13 468.48 173.65 106.12	63.56
## 238 1938.08 1239.31 466.62 226.96 98.69	115.44
## 239 1459.06 931.73 351.94 234.60 91.06	64.37
## 240 3266.43 2291.95 888.96 536.79 144.00	171.33
## 241 2188.78 1338.36 649.60 481.81 103.50	99.71
## 242 2588.02 1707.35 764.27 365.88 147.77	162.94
## 243 2400.09 1400.96 660.92 337.81 123.71	109.63
## 244 2736.09 1905.69 596.49 323.51 156.31	159.96
## 245 3386.81 2096.46 897.94 519.21 178.73	133.38
## 246 2847.96 1804.24 728.17 359.02 160.94	116.17
## 247 342.44 244.54 126.21 48.69 27.75	34.10
## 248 4306.05 3058.10 927.04 386.35 238.75	164.98
## 249 2585.15 1797.74 590.38 299.83 157.15	115.83
## 250 4898.79 3420.77 1245.29 621.33 362.54	163.37
## 251 2214.84 1484.10 573.10 300.73 165.19	186.19
## 252 1008.20 673.53 279.77 149.60 58.75	54.90
## 253 877.91 608.38 227.67 170.39 55.67	57.71
## 254 1556.20 997.94 386.35 244.81 79.85	85.65
	49.33
## 255 729.39 500.60 197.92 134.27 39.81	93.21
## 256 1549.37 1062.79 387.92 203.52 97.19	
	97.13
## 256 1549.37 1062.79 387.92 203.52 97.19	
## 256 1549.37 1062.79 387.92 203.52 97.19 ## 257 1677.85 1067.43 474.38 290.65 80.10	97.13
## 256 1549.37 1062.79 387.92 203.52 97.19 ## 257 1677.85 1067.43 474.38 290.65 80.10 ## 258 1652.35 1126.11 423.75 208.52 98.40 ## 259 2125.66 1403.89 456.40 289.15 117.00 ## 260 2799.65 1703.38 775.69 481.67 126.73	97.13 94.46
## 256 1549.37 1062.79 387.92 203.52 97.19 ## 257 1677.85 1067.43 474.38 290.65 80.10 ## 258 1652.35 1126.11 423.75 208.52 98.40 ## 259 2125.66 1403.89 456.40 289.15 117.00 ## 260 2799.65 1703.38 775.69 481.67 126.73 ## 261 3961.60 2492.03 984.12 593.81 206.02	97.13 94.46 102.19 157.92 175.00
## 256 1549.37 1062.79 387.92 203.52 97.19 ## 257 1677.85 1067.43 474.38 290.65 80.10 ## 258 1652.35 1126.11 423.75 208.52 98.40 ## 259 2125.66 1403.89 456.40 289.15 117.00 ## 260 2799.65 1703.38 775.69 481.67 126.73 ## 261 3961.60 2492.03 984.12 593.81 206.02 ## 262 1319.12 831.61 368.92 231.54 80.21	97.13 94.46 102.19 157.92 175.00 94.77
## 256 1549.37 1062.79 387.92 203.52 97.19 ## 257 1677.85 1067.43 474.38 290.65 80.10 ## 258 1652.35 1126.11 423.75 208.52 98.40 ## 259 2125.66 1403.89 456.40 289.15 117.00 ## 260 2799.65 1703.38 775.69 481.67 126.73 ## 261 3961.60 2492.03 984.12 593.81 206.02	97.13 94.46 102.19 157.92 175.00

	265	1227.53	745.20	437.02	237.62	80.42	74.17
	266	1307.81	846.80	410.37	215.27	94.00	77.19
##	267	1679.11	1146.71	435.77	282.33	114.69	123.29
##	268	3267.76	2137.59	829.67	445.17	187.83	151.40
##	269	2428.77	1634.15	532.04	264.67	130.58	113.19
##	270	1331.17	889.43	378.04	215.92	93.13	63.58
##	271	1612.46	1047.99	417.44	237.88	85.35	91.06
##	272	1843.08	1137.37	536.06	351.33	92.46	106.50
	273	1711.21	1016.34	559.60	315.92	101.56	88.52
	274	359.92	245.77	109.17	61.25	36.85	49.52
	275	2079.59	1251.28	549.46	265.54	117.33	87.38
	276	2266.72	1488.11	513.50	273.63	128.31	99.00
	277	453.79	331.11	139.25	61.31	49.83	58.60
	278	3094.14	2083.48	732.06	389.44	157.50	153.00
	279						87.53
		1191.68	767.09	345.51	187.90	68.12	
	280	943.38	616.83	246.65	142.73	67.00	60.44
	281	2234.71	1515.05	518.79	330.65	105.81	110.90
	282	4607.93	2965.09	1315.77	871.37	188.62	168.19
	283	1417.90	967.37	410.33	250.02	74.52	77.87
	284	1217.77	758.31	356.08	205.44	63.73	71.83
##	285	2594.40	1519.97	697.06	445.67	102.31	115.23
##	286	2871.31	1783.74	753.33	437.94	132.60	144.27
##	287	2552.55	1535.07	739.21	411.63	140.12	109.54
##	288	2584.91	1575.43	765.00	417.94	123.94	151.96
##	289	2999.13	1763.88	854.25	563.02	140.83	121.60
##	290	1360.77	869.24	372.42	249.44	69.67	68.15
##	291	2020.52	1185.28	747.96	410.73	147.65	133.46
##	292	1817.78	1176.26	529.19	277.90	124.37	113.37
	293	2130.17	1528.42	784.06	315.60	168.23	219.71
##	294	4288.24	3055.01	1216.75	456.80	271.29	185.73
	295	1708.14	1069.24	475.40	313.96	101.85	87.08
	296	3464.92	2179.10	958.67	562.19	156.42	186.06
	297	3556.41	2162.88	883.92	546.44	152.65	152.42
	298	3140.30	1872.88	814.02	415.88	155.87	134.94
	299	4004.49	2475.81	813.83	286.46	201.35	104.34
	300	3795.51	2518.85	971.87	725.12	160.00	130.17
	301	544.20	383.27	103.17	78.06	38.77	39.73
	301	1592.26	968.02	507.19	314.17	85.10	
							104.17
	303	1809.87	1170.79	452.62	267.87	105.88	88.56
	304	1868.81	1080.54	563.21	365.04	84.48	97.85
	305	3561.14	2193.40	986.90	392.52	253.04	169.71
	306	3940.69	2439.35	1167.92	776.65	209.83	212.50
	307	2809.79	1717.79	832.58	497.15	152.17	108.85
	308	2449.87	1458.94	586.75	291.00	134.31	70.27
	309	2066.73	1245.72	571.87	384.94	96.52	122.33
##	310	2758.24	1709.18	927.12	516.38	135.58	225.81
##	311	1801.33	1164.35	604.90	327.35	95.27	115.13
##	312	2813.25	1584.36	687.38	268.25	168.31	80.29
##	313	1051.69	606.91	328.27	141.79	79.17	45.02
##	314	2073.66	1414.73	592.90	305.35	110.85	111.25
##	315	910.68	579.82	295.90	199.58	50.23	74.92
##	316	2455.60	1517.91	671.08	370.27	138.40	118.98
	317	2830.60	1680.46	790.29	228.62	283.08	72.35
	318	3316.07	2083.61	892.10	439.62	164.19	230.38
	-			*	-	-	

	319	3312.98	2043.24	814.96	469.48	147.37	171.31
	320	1874.88	1116.18	522.25	214.98	101.33	89.56
	321	1503.57	925.03	411.81	273.56	74.38	96.42
##	322	1264.09	890.78	326.83	196.79	79.69	62.15
##	323	740.25	436.87	229.82	84.95	73.14	29.36
##	324	1542.82	947.01	481.00	142.38	106.72	61.84
##	325	2330.77	1409.46	659.79	445.42	116.19	136.60
##	326	3609.15	2406.29	1042.73	527.63	245.29	115.65
##	327	2549.85	1708.21	816.54	491.71	102.79	158.77
##	328	1774.36	1018.35	536.52	303.35	91.85	66.17
##	329	3539.31	2255.95	928.77	594.00	196.92	232.92
##	330	1295.32	777.18	425.23	290.60	56.46	85.21
##	331	2874.30	1923.61	715.38	444.73	142.69	169.85
##	332	5165.91	3444.90	1398.79	968.50	220.85	197.08
##	333	2297.41	1418.98	791.77	258.87	150.83	89.31
##	334	3256.20	2273.80	845.90	470.51	184.00	142.24
	335	4049.45	2605.09	1002.83	548.63	198.65	318.69
##	336	2381.49	1469.55	742.50	479.02	124.00	146.54
	337	2202.94	1414.88	601.92	345.10	127.02	132.23
	338	3045.51	2056.45	945.85	599.73	148.37	161.77
	339	4462.85	3107.52	1174.92	565.44	207.42	215.23
	340	3401.82	2133.27	881.81	426.31	189.23	176.71
	341	2761.70	1742.16	792.02	522.98	96.62	111.77
	342	1034.80	647.71	336.27	164.12	62.29	55.04
	343	1020.81	661.85	254.04	150.15	78.13	60.96
	344	3373.79	2134.27	805.79	547.10	163.06	150.40
	345	2169.39	1357.36	618.06	351.75	110.46	137.31
	346	1768.70	1116.26	494.77	308.64	70.86	110.98
	347	4502.33	2713.17	1113.81	423.00	261.94	133.77
	348	3139.70	2047.79	905.79	420.88	181.54	90.90
	349	2732.74	1616.11	826.46	490.15	153.58	146.12
	350	2090.72	1343.53	525.92	289.25	174.10	68.71
	351	2575.85	1675.15	616.15	378.15	154.44	92.63
	352	1423.29	918.11	406.48	194.98	90.27	92.05 82.75
	353	2109.64	1330.76	641.23	293.96	165.00	89.67
	354	2392.69	1672.26	609.67	222.67	184.71	110.46
	355	3901.57	2238.84	1229.04	688.17	208.58	180.54
	356	2375.62	1452.69	658.85	347.77	136.40	124.17
	357	2456.23	1471.96	765.29	307.23	172.90	155.77
	358	2126.56	1424.15	587.60	253.85	133.44	118.04
	359	649.05	479.11	162.21	77.04	55.96	47.17
	360	2144.37	1341.11	562.92	283.94	156.13	109.77
	361	1104.73	629.51	364.25	141.19	65.37	53.58
	362	1525.76	862.52	457.50	228.42	73.00	66.98
	363	1718.55	1109.82	465.13	166.42	86.71	67.56
	364	1342.19	767.87	461.44	161.15	117.44	56.21
	365	1053.98	658.66	375.37	149.50	81.56	64.79
	366	2014.13	1277.04	555.35	275.42	114.17	97.63
	367	1363.96	867.29	323.35	175.25	79.23	63.00
	368	1707.89	1125.33	522.75	141.42	134.19	79.38
	369	879.44	526.19	278.46	116.46	49.79	44.50
	370	1142.11	700.92	378.75	151.29	79.15	62.23
	371	655.66	420.60	203.54	86.42	61.73	46.65
##	372	523.87	302.10	210.15	80.37	41.54	36.13

##	373	2808.03	1716.08	758.10	326.73	151.04	119.87
##	374	1857.05	1102.23	572.29	303.54	88.21	86.79
##	375	803.73	504.78	254.00	130.19	58.77	49.38
##	376	1191.64	749.22	336.15	186.08	63.52	58.87
##	377	2326.34	1353.88	725.98	319.69	132.13	105.83
##	378	494.50	325.85	135.96	88.19	36.71	36.87
	379	427.21	293.25	143.10	52.94	46.48	41.37
	380	1400.17	876.28	361.31	174.92	88.02	66.83
	381	539.36	339.66	191.44	65.00	54.87	43.54
	382	2082.17	1377.30	657.44	191.31	172.06	144.00
	383	602.24	412.37	165.08	81.65	43.63	51.65
	384	2003.02	1277.66	482.12	286.73	90.31	83.85
	385	337.69	211.39	133.19	51.87	51.54	30.08
	386	1603.49	1011.72	398.00	158.88	106.19	67.40
##	387	627.80	382.87	162.90	82.48	31.60	28.77
##	388	1773.75	1150.47	466.58	215.02	112.81	70.13
##	389	2069.25	1355.39	598.46	298.00	138.60	128.96
##	390	2223.54	1382.89	623.37	249.02	172.87	113.12
##	391	1964.34	1277.81	543.25	236.31	150.73	102.96
##	392	1012.96	590.85	313.52	132.96	69.29	45.04
##	393	2063.27	1363.31	561.13	213.33	131.58	164.92
##	394	896.51	538.80	303.04	104.12	58.37	69.00
	395	1366.10	870.50	368.02	154.96	93.65	66.85
	396	395.33	261.84	136.02	47.69	41.04	27.65
	397	1174.62	771.91	335.77	108.23	80.33	60.38
	398	1546.65	945.28				69.81
	399			468.23	170.63	132.19 124.37	87.27
		1734.51	1130.97	435.02	156.69		
	400	1987.42	1190.90	580.63	238.92	165.92	105.65
	401	2032.94	1276.99	547.13	247.00	158.04	105.92
	402	989.51	600.46	237.08	106.94	69.29	49.56
##	403	1733.59	1120.01	418.63	146.13	129.65	72.56
##	404	1619.30	1060.08	485.92	204.96	102.71	65.29
##	405	2216.92	1430.59	569.58	287.52	155.35	74.42
##	406	2211.04	1341.40	556.23	264.85	119.12	70.33
##	407	2772.68	1791.79	650.77	267.81	179.83	110.35
##	408	926.26	555.10	279.81	113.79	47.25	60.37
##	409	2578.38	1555.71	784.17	408.02	108.98	114.02
##	410	2263.65	1427.58	642.44	296.02	166.13	134.65
	411	1732.92	1020.40	460.69	252.19	89.15	69.85
	412	2210.78	1324.31	642.10	309.06	138.42	97.60
	413	1425.12	899.00	353.60	169.69	94.29	66.15
	414	1730.56	1137.80	399.19	202.81	105.87	97.04
					262.52		
	415	2237.27	1391.22	619.12		148.17	88.35
	416	1814.18	1198.42	442.10	184.75	122.98	115.54
	417	1672.72	1032.45	479.04	195.27	148.31	107.77
	418	2453.04	1414.34	683.21	392.52	127.19	102.40
	419	2568.21	1605.11	678.79	275.27	159.44	99.00
##	420	2869.40	1765.33	842.94	296.56	146.92	98.38
##	421	2989.69	1825.41	774.33	453.12	164.19	135.81
##	422	1597.16	1031.22	430.06	207.54	80.58	76.50
##	423	1701.05	1077.56	453.17	169.79	124.50	83.85
##	424	2232.06	1293.56	633.13	275.88	107.56	63.12
	425	2523.14	1668.99	571.69	248.71	133.90	118.75
	426	3563.38	2263.09	870.33	489.60	194.13	120.65
	-						

	407	1016 00	000 00	200 00	400 70	04 50	60 07
	427	1246.92	808.28	328.29	120.79	94.58	69.27
	428	3579.09	2260.77	882.98	284.35	262.88	131.40
	429	2557.37	1595.52	707.48	321.63	161.56	104.15
	430	2777.53	1763.12	732.21	310.94	176.27	138.77
	431	512.57	331.98	157.67	58.31	39.62	38.67
	432	1372.03	828.36	276.22	153.33	69.17	66.44
##	433	3217.60	2046.92	837.02	382.40	177.79	133.75
##	434	2221.94	1308.48	582.60	300.71	109.58	91.54
##	435	1548.02	1056.91	371.58	157.02	77.21	108.98
##	436	2877.32	1792.98	684.81	402.27	162.10	111.88
##	437	2074.07	1291.28	532.77	177.85	132.92	89.77
##	438	2851.29	1873.85	667.96	303.96	170.96	109.98
##	439	3736.37	2299.19	658.33	264.96	216.56	104.58
##	440	1381.90	879.01	380.10	187.06	81.04	45.33
##	441	3460.75	2183.96	797.79	357.85	208.96	127.81
##	442	6080.34	3971.38	1664.83	616.15	374.56	199.48
##	443	1866.06	1169.39	561.87	183.19	149.65	93.46
##	444	2396.90	1507.45	492.65	233.96	121.42	105.02
##	445	693.25	469.89	174.21	69.73	54.08	36.52
##	446	822.19	489.88	220.25	110.21	53.88	40.00
##	447	346.21	232.68	102.23	38.25	37.83	15.02
##	448	2709.02	1719.29	613.27	331.48	170.40	99.85
##	449	3647.25	2318.68	654.21	269.40	198.88	113.46
##	450	1459.62	946.80	352.38	156.44	89.19	52.12
##	451	273.43	189.18	54.25	26.33	13.42	15.42
	452	438.89	294.15	119.10	54.04	27.92	39.37
	453	3140.33	2095.75	822.31	275.46	153.58	96.50
##	454	1433.03	950.16	352.48	169.27	60.54	65.67
##	455	439.56	276.00	183.23	63.02	36.71	32.38
##	456	2007.61	1222.89	433.48	167.56	83.10	59.85
	457	1730.86	1177.09	413.90	188.60	114.44	91.85
	458	9840.73	6425.77	2157.38	862.62	464.48	217.46
	459	1945.95	1138.06	525.25	222.23	113.48	66.44
	460	5171.07	3170.45	984.69	510.75	180.83	125.52
	461	4033.08	2516.60	817.94	459.44	172.54	90.13
	462	1604.92	1086.48	467.84	143.37	77.39	52.16
	463	7823.15	5236.38	1795.42	956.90	336.04	130.25
	464	2486.13	1580.50	695.67	210.21	147.13	54.33
	465	3521.60	2175.77	823.75	312.65	158.63	80.60
	466	3901.19	2401.69	674.58	395.40	144.56	97.56
	467	4071.06	2492.04	1175.17	295.19	253.63	75.04
	468	6372.54	4333.97	1653.19	693.56	271.21	165.23
	469	460.05	314.49	117.50	30.75	23.10	19.25
	470	4851.15	3141.17	1367.63	821.87	180.75	136.33
	471	3440.99	2122.96	948.23	310.75	222.19	115.73
	472	3910.41	2366.29	1166.00	362.63	245.94	114.39
	473	2346.32	1508.31	553.81	259.33	127.62	81.29
	474	4467.40	2747.29	955.25	537.96	182.60	148.10
	475	1881.51	1226.71	449.38	234.52	120.77	101.71
	476	1667.38	1094.40	432.31	205.42	76.96	68.21
	477	2556.34	1581.92	708.94	314.75	150.96	111.77
	478	6151.06	3885.93	1260.96	692.02	200.33	155.73
	479	1268.21	767.83	344.54	122.96	88.46	53.56
	480	928.00	688.52	25.46	85.02	38.10	
##	400	320.UU	000.02	25.40	00.02	30.10	23.92

	101	0500 07	0000 00	700 70	400.05	440.04	00 50
	481	3506.87	2233.82	763.73	436.65	140.81	93.58
	482	2965.43	1888.73	779.60	367.21	143.98	76.94
	483	2896.61	1687.64	833.00	291.33	169.58	111.31
	484	4094.51	2636.06	844.50	461.88	186.88	116.75
	485	3498.42	2199.78	970.37	344.73	226.42	119.33
		10991.09	7310.31	2258.13	1229.73	491.63	211.71
##	487	4465.54	2770.00	862.92	384.56	243.04	126.17
##	488	3001.18	1937.51	650.42	302.27	119.92	76.92
##	489	2040.88	1292.91	479.37	242.04	116.98	75.15
##	490	3896.33	2407.48	872.83	605.38	142.52	103.56
##	491	4663.54	2978.22	1074.56	456.44	252.79	164.63
##	492	3047.65	1953.53	778.38	412.83	136.56	108.48
##	493	3177.15	1962.73	830.75	432.63	107.83	90.56
##	494	2464.19	1564.25	566.81	269.38	120.12	68.65
##	495	1883.17	1417.22	48.33	206.94	64.52	31.29
##	496	10663.45	7403.98	2109.54	883.33	487.48	241.52
##	497	2240.60	1422.04	472.31	184.19	125.21	81.15
##	498	4885.33	3074.89	1062.69	546.73	186.52	123.98
##	499	2961.76	1933.35	532.90	363.75	101.63	86.12
##	500	12926.21	8346.39	3116.50	1576.27	580.94	205.50
##	501	4896.94	2986.20	1172.52	449.90	182.60	121.85
	502	7257.39	4569.88	1525.83	828.85	379.42	188.37
	503	6204.84	4113.01	1353.02	754.63	285.75	134.58
	504	6043.82	4136.15	1410.23	574.81	268.69	121.60
	505	6479.03	4093.90	1410.12	898.62	285.17	150.98
	506	1762.05	1010.40	353.50	156.00	51.75	37.75
	507	1643.88	966.93	558.65	218.52	137.52	64.63
	508	780.27	509.50	241.96	83.40	64.54	26.33
	509	1213.08	770.65	349.40	172.17	79.38	60.31
	510	3365.34	2270.29	825.82	329.61	240.22	103.04
	511	308.61	197.69	95.90	59.00	14.56	19.83
	512	3124.16	1834.19	907.98	333.79	182.40	103.19
	513	1304.32	837.12	411.03	171.08	92.46	50.95
	514	2081.48	1166.04	654.62	368.67	114.90	91.46
	515	372.68	218.46	149.31		25.58	31.35
	516	1419.49	771.56	473.77	58.94 226.33	89.88	53.88
	517	362.43	245.65	89.04	39.63	28.29	24.79
	518	1361.34	792.50	415.88	180.54	95.02	66.50
						27.00	
	519	465.41	257.13	134.00	72.37		19.42
	520	1494.15	908.18	391.58	200.44	80.33	66.58
	521	2334.80	1426.00	597.54	290.62	126.67	93.19
	522	810.38	560.39	218.02	114.63	51.33	59.56
	523	835.87	535.54	261.08	93.62	68.42	34.23
	524	2024.99	1267.35	659.15	293.10	145.46	90.46
	525	1599.40	1096.77	400.44	171.10	119.25	97.35
	526	533.07	321.10	235.56	76.19	59.42	70.02
	527	41.12	36.36	17.50	4.10	5.10	1.88
	528	3301.06	2126.40	838.69	430.06	183.83	153.69
	529	1051.86	643.10	311.13	161.21	56.13	40.27
	530	2248.41	1551.14	601.37	276.63	136.77	89.85
	531	1266.74	797.34	459.12	136.73	109.27	60.44
	532	1744.73	988.26	521.56	186.21	105.63	62.52
	533	1526.48	886.84	430.00	198.17	104.63	65.37
##	534	654.89	412.04	226.00	87.35	46.48	42.08

	535	2129.24	1447.31	428.67	150.25	103.23	46.44
	536	1365.41	840.02	301.17	160.13	76.33	52.62
	537	702.15	430.93	224.94	102.54	49.75	42.17
	538	1876.53	1166.98	479.31	201.54	103.40	75.71
	539	1734.83	1129.18	413.77	198.83	115.73	113.15
	540	1820.52	1059.34	505.79	233.42	91.17	65.44
	541	1223.33	709.69	308.46	136.00	57.67	45.63
	542	565.22	352.06	188.13	89.46	52.15	39.21
	543	676.22	434.80	212.08	95.56	43.15	42.46
	544	1393.14	821.39	415.96	172.10	113.58	78.17
	545	1346.97	831.61	369.83	214.19	73.71	50.62
	546	2883.78	1781.14	765.83	397.90	181.38	135.10
	547	1392.27	841.62	415.65	167.12	111.42	69.62
	548	1980.30	1245.83	512.35	194.79	156.27	90.40
	549	2024.17	1332.36	577.58	213.17	95.79	189.81
	550	2439.24	1585.57	726.25	353.92	171.04	118.94
##	551	1235.10	796.02	293.73	88.77	77.98	51.33
	552	1832.68	1226.09	538.85	225.35	108.17	87.27
##	553	4206.43	2582.90	1075.13	265.83	261.81	133.44
	554	1862.17	1143.23	518.77	166.56	126.17	66.44
##	555	4490.41	2890.02	965.87	358.13	219.96	183.13
##	556	2197.30	1403.21	540.00	211.13	148.92	109.00
##	557	556.54	360.92	172.29	63.56	45.10	55.29
	558	1817.54	1169.66	517.50	159.29	122.04	124.13
##	559	554.65	396.36	155.38	58.94	53.65	60.21
##	560	357.59	253.89	102.37	35.85	36.02	17.27
##	561	2572.60	1641.17	583.33	216.67	174.12	111.65
##	562	1486.46	886.92	499.33	157.37	108.04	128.19
##	563	557.35	395.29	145.35	56.54	53.88	30.87
##	564	895.06	601.13	278.56	115.58	65.23	60.65
##	565	1996.62	1270.16	591.92	250.73	147.42	122.08
##	566	1857.17	1210.20	525.54	188.87	112.00	102.67
##	567	1375.01	897.68	371.54	153.33	81.56	84.98
##	568	1917.86	1182.66	576.62	181.56	136.40	79.10
##	569	2330.52	1411.23	640.54	211.46	197.00	104.42
##	570	3507.57	2195.55	891.92	377.77	169.21	123.77
##	571	854.61	549.70	241.94	108.04	74.73	53.56
##	572	4074.02	2451.16	1016.40	330.44	253.27	149.65
	573	2145.54	1289.46	557.75	248.63	110.54	107.19
##	574	2054.88	1326.04	559.54	233.10	126.42	126.17
##	575	2037.99	1393.85	468.19	251.38	166.00	103.81
##	576	3194.64	2125.35	900.81	354.71	222.67	92.44
##	577	3071.39	1981.33	841.75	355.19	157.46	99.54
##	578	1440.36	915.32	430.96	215.62	81.71	81.88
##	579	648.67	398.34	199.81	135.96	20.81	26.19
##	580	1593.11	927.40	499.23	184.96	110.33	69.69
##	581	726.14	445.80	219.81	104.71	49.77	31.46
##	582	1261.47	797.20	441.06	230.67	68.00	105.85
##	583	653.17	420.61	164.46	91.65	43.81	40.73
##	584	461.63	295.64	154.90	56.73	44.90	31.56
##	585	1842.30	1168.55	516.73	159.21	118.94	47.85
		4221.96	2904.37	1044.12	388.54	194.33	105.65
##	586		2904.31				
##	586 587 588	3749.03 1145.58	2523.54 689.27	907.48 269.38	239.04	240.13 53.67	100.69

	589	2932.44	1937.60	837.12	266.35	167.67	79.06
	590	1581.82	994.27	399.96	169.17	71.90	76.67
	591	2033.85	1304.27	545.83	294.13	112.58	72.63
	592	709.06	443.93	181.48	74.42	35.75	28.62
	593	2512.04	1513.77	604.77	266.10	122.25	82.58
	594	1137.19	691.71	328.54	132.88	63.54	52.56
	595	1711.25	1084.55	417.63	166.35	77.00	44.17
		1425.48	874.32	344.35	149.63	68.35	61.60
	597	1740.85	1043.10	391.73	164.06	82.15	78.42
	598	1737.07	1015.16	431.52	176.00	80.94	53.06
	599	1611.00	984.79	366.54	168.02	79.19	64.38
	600	2290.21	1395.46	639.65	320.69	142.12	71.52
	601	2561.03	1527.53	699.31	332.23	137.02	90.17
	602	1435.72	866.58	402.81	180.27	80.79	52.96
	603	1646.12	1053.74	454.19	217.96	97.54	90.10
	604	1562.04	1057.41	399.12	161.08	100.56	73.33
	605	3650.57	2161.97	1075.06	430.15	250.12	123.42
	606	1061.92	689.31	274.85	128.13	60.40	45.62
##	607	1838.68	1159.34	460.48	220.65	123.67	77.25
	608	1793.59	1091.16	512.25	192.27	139.69	77.73
##	609	1546.88	977.89	398.83	178.38	96.79	68.62
	610	3745.09	2211.55	983.15	549.37	163.58	126.81
	611	2887.15	1862.15	790.62	310.10	222.79	135.87
	612	2003.64	1221.03	490.40	258.98	111.37	66.38
##	613	2284.53	1579.57	646.58	259.83	126.71	80.69
##	614	2665.89	1562.38	782.29	369.63	106.38	97.83
##	615	3049.51	1734.55	931.62	430.69	160.29	103.79
##	616	1057.10	697.64	280.23	112.19	85.87	38.85
##	617	1883.06	1140.07	569.56	225.35	130.38	92.27
##	618	5379.56	3249.73	1508.08	748.38	296.25	202.87
##	619	2233.19	1389.94	632.65	299.98	138.15	103.98
##	620	2036.53	1313.55	570.92	174.12	150.58	133.87
##	621	2091.14	1311.64	570.02	244.19	137.40	83.17
##	622	1841.65	1038.88	768.87	256.77	270.71	121.87
##	623	1976.00	1189.65	546.96	301.46	100.75	76.33
##	624	2522.40	1571.09	762.60	265.52	180.88	155.73
##	625	2491.54	1545.49	777.29	333.42	147.77	112.69
##	626	1678.97	1087.30	444.23	146.29	118.81	77.81
##	627	2705.60	1605.41	759.69	417.50	165.75	89.52
##	628	1786.08	1117.87	494.02	211.54	108.73	92.15
##	629	1191.98	711.84	408.12	207.73	64.13	71.67
##	630	1269.68	726.03	400.87	199.44	78.06	45.42
##	631	1405.56	871.43	427.94	142.63	106.98	52.42
##	632	1895.96	1128.66	490.83	259.46	101.42	63.33
##	633	2055.49	1281.72	580.67	281.08	131.54	78.81
##	634	2173.91	1413.22	626.23	290.23	136.08	143.75
##	635	1319.07	746.13	452.65	157.46	88.88	57.02
##	636	937.18	548.70	279.02	159.56	55.08	39.90
##	637	2152.53	1242.31	669.02	360.06	125.23	77.92
##	638	2385.80	1386.72	761.44	440.56	139.85	78.44
##	639	2669.93	1786.30	809.81	312.15	182.21	94.40
##	640	1448.66	920.84	416.44	200.88	79.81	65.00
##	641	3193.21	1965.87	913.81	485.12	223.96	153.56
##	642	1950.85	1126.37	601.87	208.98	122.40	76.58

	240	0000 10	4570.00	704 00	0.05 0.0	440.00	407.00
	643	2686.19	1578.28	721.92	365.92	143.92	107.23
	644	1355.20	969.77	445.13	178.88	127.98	77.42
	645	1931.85	1222.24	533.50	208.98	133.08	116.00
	646	851.16	574.30	249.38	96.87	48.52	38.12
	647	628.51	433.18	174.10	80.29	50.71	33.56
	648	1080.01	735.31	287.13	109.29	78.10	84.04
	649	1146.23	729.16	312.38	158.83	65.81	64.13
	650	398.66	239.22	125.40	62.19	17.81	17.56
	651	630.37	435.31	147.04	69.35	42.79	24.50
	652	2678.42	1703.74	912.92	423.96	153.29	85.35
	653	2695.69	1710.32	786.94	290.56	144.77	91.67
	654	1542.33	977.53	481.73	181.27	104.40	67.56
	655	1132.37	725.81	269.52	96.54	73.96	48.79
	656	575.96	401.19	135.27	41.25	50.15	33.15
	657	356.81	216.45	131.77	50.98	34.88	26.98
	658	2751.75	1677.21	859.35	274.52	147.58	65.87
	659	4001.05	3000.10	906.10	259.67	283.12	183.73
		10652.33	7517.53	2491.17	933.96	467.31	240.75
	661	1392.03	915.50	409.37	183.27	77.67	61.12
	662	1469.01	999.40	425.73	114.65	93.25	38.25
##	663	1228.96	813.93	378.13	166.81	65.52	59.60
	664	5637.58	3749.16	1562.63	352.98	282.21	125.40
	665	4774.44	3103.20	1277.13	478.21	175.42	143.33
	666	2732.32	1784.49	719.58	297.46	120.40	76.56
	667	2248.70	1429.41	692.02	207.63	193.81	70.83
	668	3720.10	2407.51	896.40	251.00	228.81	96.06
	669	2892.79	1786.67	651.12	255.17	161.77	79.96
##	670	5884.91	3820.33	1791.10	601.00	245.96	166.04
##	671	2999.49	1848.82	712.98	342.65	144.65	76.73
##	672	2540.20	1641.00	720.20	243.22	163.41	83.25
##	673	3858.05	2640.29	934.21	306.83	156.48	89.06
##	674	814.99	522.70	196.19	86.04	43.79	37.37
##	675	2126.76	1401.37	599.33	194.88	144.65	61.83
##	676	2999.50	1907.46	826.60	256.38	162.40	56.92
##	677	3001.08	1807.38	780.04	313.58	140.75	104.77
##	678	711.06	456.39	255.15	80.44	53.27	36.08
##	679	2102.39	1400.32	587.37	190.62	139.88	79.35
##	680	2403.61	1441.90	671.81	327.67	135.79	77.81
##	681	4308.40	2896.41	945.63	387.77	168.52	78.81
##	682	2036.00	1382.26	315.88	122.19	91.96	40.37
##	683	2972.07	1878.79	559.60	308.58	126.29	79.37
##	684	435.29	316.51	88.67	38.17	28.00	25.85
##	685	1477.68	884.70	457.94	171.48	71.71	77.17
##	686	8566.70	5839.48	1620.35	599.52	478.67	156.06
##	687	3219.76	1942.78	762.40	332.98	136.73	116.37
##	688	6114.22	3850.39	1249.54	750.94	300.87	139.60
##	689	1291.68	763.71	254.67	155.83	33.17	32.17
##	690	3929.99	2389.85	889.07	425.45	154.38	71.17
##	691	3617.65	2198.73	809.37	499.75	161.56	83.50
##	692	2405.21	1353.63	484.85	325.69	54.69	56.46
##	693	512.96	311.14	165.06	65.85	26.96	35.46
##	694	1701.04	1145.54	383.21	142.21	113.71	53.88
##	695	1114.39	708.77	292.52	139.92	66.40	43.31
##	696	3258.27	2365.31	687.54	233.58	165.96	59.04

	697	462.20	306.97	164.25	64.13	46.33	32.31
	698	2760.86	1776.76	615.00	274.13	146.25	97.02
	699	1574.15	997.16	407.52	113.23	98.04	53.04
	700	4025.58	2624.78	1049.19	491.13	202.42	119.79
	701	4431.88	2809.87	1241.75	418.71	189.96	143.15
	702	1160.08	769.76	287.65	132.04	92.48	64.71
	703	2663.68	1650.10	621.50	256.60	119.46	94.06
	704	2314.09	1482.40	518.65	241.00	73.90	77.50
		14228.89	10457.82	2980.79	872.33	681.56	308.27
	706	3661.90	2803.51	810.58	333.15	198.29	90.25
	707	2677.42	1730.42	773.58	213.37	140.62	51.77
	708	4058.55	2510.23	873.29	457.69	169.33	110.73
	709	5296.94	3217.58	1161.77	512.13	241.08	122.50
	710	2441.03	1777.97	554.67	178.58	159.94	64.04
	711	7513.47	5376.30	1512.94	707.81	316.33	131.15
	712	1658.07	1043.21	456.31	203.62	118.75	75.75
##	713	4152.12	2533.56	810.79	378.58	153.56	99.00
	714	5810.35	3493.24	1271.98	508.15	261.02	118.54
##	715	2532.03	1654.95	527.94	255.27	145.52	90.98
##	716	1229.20	809.84	330.43	134.39	53.12	37.06
##	717	3734.16	2268.54	1122.40	431.19	194.71	191.50
	718	2465.12	1512.56	640.69	315.04	141.50	108.94
##	719	4186.57	2637.89	923.00	342.77	228.21	112.62
##	720	3921.52	2287.73	870.60	312.56	248.60	107.02
##	721	4435.85	2767.37	884.51	366.57	219.31	108.02
##	722	1166.68	737.29	269.83	131.33	60.52	35.10
##	723	371.31	243.92	116.60	37.73	30.15	19.69
##	724	499.22	333.65	151.88	44.63	36.10	27.35
##	725	981.14	602.24	270.38	101.72	44.02	31.23
##	726	1168.51	711.50	306.22	107.35	74.10	48.24
##	727	981.66	677.03	240.48	93.83	63.31	53.96
##	728	1854.07	1270.87	610.29	123.71	135.60	51.92
##	729	1249.74	833.06	308.52	105.44	72.62	46.87
##	730	3762.04	2454.84	782.60	235.33	175.29	85.50
##	731	1563.37	978.35	467.63	176.69	108.94	60.69
##	732	2109.43	1257.37	461.44	229.19	106.71	62.37
##	733	1499.78	958.38	346.31	137.29	94.67	62.19
##	734	2400.42	1420.75	579.85	213.88	132.44	62.25
##	735	539.06	353.76	156.83	77.19	33.75	24.31
##	736	1948.96	1248.35	509.79	224.98	98.92	57.87
##	737	2254.93	1555.57	628.98	275.65	118.54	76.69
##	738	839.45	538.43	190.04	89.35	52.75	39.37
##	739	1521.09	1031.82	341.63	127.77	99.13	55.67
##	740	4389.58	2685.33	1142.44	490.46	203.19	120.52
##	741	4681.69	3128.51	1237.73	550.69	273.62	145.65
##	742	1148.81	748.01	273.08	117.83	64.96	43.31
##	743	5001.97	3141.36	1020.83	343.94	209.88	111.79
##	744	368.81	224.71	137.63	47.31	20.87	24.23
##	745	961.67	612.73	260.62	87.52	60.19	43.50
##	746	1283.22	815.07	342.27	108.88	77.21	40.62
##	747	481.93	291.59	165.54	49.88	31.13	19.06
##	748	1764.38	1176.83	485.65	198.15	77.73	48.69
##	749	735.95	511.65	156.71	77.69	35.63	42.56
##	750	1148.01	717.06	342.67	126.08	56.83	64.71

##	751	1786.96	1096.36	517.54	214.25	144.96	79.27
	752		6417.67	2270.00	637.02	548.40	
	753		867.75	326.63	152.12	62.50	
	754	777.44	500.30	183.63	62.96	55.96	
	755		1242.86	480.58	216.12	82.27	
	756		920.01	407.77	134.63	107.50	
	757		1165.40	483.44	193.96	84.40	
	758		2104.70	746.08	266.77	179.00	
	759		3345.79	1226.87	347.75	356.60	
	760		2770.94	893.04	422.73	199.79	
	761		794.52	358.67	116.04	88.87	
	762	1167.63	773.17	272.02	105.54	70.56	
	763	361.08	246.96	110.25	33.27	27.42	
	764		2002.24	1088.19	313.00	209.67	
	765	2426.27	1528.51	617.29	324.25	121.67	
	766	678.85	442.75	168.93	90.44	43.00	
	767		1133.05	401.46	151.17	122.63	
	768		697.74	352.19	130.87	70.83	
	769	902.25	594.97	256.42	81.98	66.71	
	770		768.11	438.96	113.96	72.38	
	771		1507.87	451.71	207.17	118.27	86.92
##	,	bagpegCand	-		singleServePota		
##			13.38	20.69		18.60	
##			42.15	87.62		36.44	
##			29.85	105.65		47.96	
## ##			54.15 68.06	118.19 109.35		39.67 85.71	
##			3.73	9.29		8.48	
##			153.90	166.37		130.79	
##			19.37	28.46		26.21	
##			81.54	124.23		94.52	
	10		73.87	142.29		116.60	
	11		67.40	141.37		88.79	
	12		34.40	92.94		29.13	
	13		29.90	79.02		50.96	
	14		39.02	79.23		27.15	
	15		29.60	63.44		20.46	
	16		38.10	71.96		46.04	
	17		3.35	14.48		11.90	
	18		81.56	149.44		61.50	
	19		3.38	18.96		4.75	
##	20		32.13	73.85		24.08	
##	21		12.58	56.69		19.92	
##	22		65.10	81.92		39.38	
##	23		31.69	93.75		30.06	
##	24		61.75	131.85		43.83	
##	25		16.46	64.02		19.58	
##	26		23.79	49.50		22.92	
##	27		10.56	29.71		23.23	
##	28		26.75	76.62		21.38	
##	29		58.10	141.12		61.62	
##	30		79.48	137.92		63.62	
##	31		65.60	131.08		86.58	
##	32		41.13	83.85		34.21	

	00	20.07	40.00	20.40
##		32.27	49.23	33.10
##		27.42	49.35	60.29
##		42.54	75.33	29.62
##	36	42.77	93.10	49.37
##	37	17.13	46.12	31.17
##	38	44.54	69.10	34.85
##		38.87	109.54	73.10
##		76.90	111.56	47.38
##		47.73	93.90	49.60
##		69.10	132.87	64.83
##		45.87	75.33	33.63
##		45.25		
			95.60	50.25
##		141.12	188.00	97.33
##		54.69	109.92	49.38
##		7.15	27.13	25.94
##	48	62.21	151.92	64.77
##	49	83.35	119.62	55.06
##	50	16.37	32.25	25.42
##	51	29.23	43.92	19.60
##	52	67.17	96.31	45.83
##	53	67.88	121.81	60.85
##	54	8.50	29.15	23.10
##	55	57.83	89.15	52.13
##		47.69	77.50	62.12
##		25.37	85.04	37.12
##		36.12	71.02	29.37
##		55.27	76.29	49.15
##				
		32.40	68.71	35.27
##		31.21	60.48	34.67
##		26.00	85.58	54.90
##		47.44	80.48	53.75
##		21.98	47.88	24.29
##		11.13	31.13	16.90
##	66	47.13	109.15	37.79
##	67	21.83	72.06	23.31
##	68	3.08	16.75	7.37
##	69	52.15	93.00	36.29
##	70	37.98	68.65	31.94
##	71	115.83	112.60	106.31
##	72	36.88	64.87	38.67
##		96.13	183.65	68.96
##		57.40	137.56	72.65
##		45.33	49.63	47.73
##		31.02	56.08	35.37
##		30.12	84.06	29.46
##		39.46	87.25	42.94
##		38.67	53.44	43.67
##		32.04	72.06	29.81
##		24.65	46.25	22.29
##		6.65	13.67	6.27
##		43.94	80.65	57.46
##		32.02	62.19	36.52
##	85	46.79	80.81	26.81
##	86	74.04	138.71	64.58

шш	07	61 00	00.00	10 11
##		61.98	96.29	42.44
##		19.16	31.53	21.20
##	89	22.00	25.42	44.92
##	90	45.65	65.67	38.00
##	91	7.88	69.63	18.54
##	92	28.27	82.35	37.52
##	93	38.27	120.08	23.10
##	94	19.94	46.46	22.00
##	95	45.52	103.73	48.08
##		47.73	125.71	59.67
##		35.31	74.02	27.04
##		36.21	94.77	32.65
##		33.17	68.81	19.71
		53.17		
	100		83.23	62.77
##	101	18.65	44.65	33.13
##	102	15.21	37.69	33.31
##	103	30.58	69.54	34.42
##	104	108.23	148.73	75.04
	105	3.37	18.71	12.75
##	106	35.94	75.79	30.17
##	107	48.83	70.12	42.38
##	108	74.60	109.79	49.52
##	109	32.94	69.37	26.92
##	110	6.12	17.44	13.65
##	111	27.13	61.00	33.38
	112	48.94	116.52	67.77
	113	55.92	92.40	58.42
	114	41.85	78.87	62.35
	115	70.15	126.85	66.13
	116	46.54	85.38	60.29
	117	35.12	95.94	34.41
	118	21.19	78.25	32.35
	119	17.60		17.31
			63.88	
	120	129.29	181.33	106.31
	121	20.98	75.37	42.56
	122	35.02	92.63	31.94
	123	132.48	166.13	151.65
	124	110.08	203.13	94.38
	125	117.06	195.54	89.65
	126	72.58	145.44	98.21
##	127	29.81	38.27	26.65
##	128	59.40	97.13	44.94
##	129	15.00	49.12	20.96
##	130	40.96	91.77	39.62
##	131	8.31	25.75	8.83
##	132	31.63	116.12	48.75
##	133	34.71	70.02	39.83
	134	81.19	126.06	89.44
	135	165.85	312.77	217.65
	136	137.06	176.92	128.40
	137	13.38	41.52	20.88
	138	22.04	41.60	21.96
	139	94.62	124.08	81.08
	140	103.21	180.69	81.83
##	140	103.21	100.09	01.03

##	141	150.19	182.52	133.35
	142	24.42	65.75	33.21
	143	71.13	110.40	50.98
	144	17.29	56.19	28.12
	145	222.21	238.96	194.79
	146	28.52	70.12	35.04
	147	8.92	36.12	15.38
	148	210.40	446.15	316.77
	149	12.33	27.35	19.04
	150	39.27	87.90	48.50
	151	9.17	15.38	10.46
	152	6.35	12.06	8.24
	153	24.31	48.79	27.73
	154	41.81	97.19	51.88
	155	12.58	19.88	14.92
	156	23.75	43.21	19.77
	157	46.67	91.77	49.23
	158	17.19	27.12	13.00
	159	57.04	76.17	39.17
	160	173.06	329.17	124.33
	161	70.88	107.65	67.35
	162	42.38	31.42	13.62
	163	53.63	91.35	66.77
	164	20.12	83.75	30.48
	165	31.83	127.63	37.13
	166	19.19	54.23	25.65
##	167	45.29	132.81	81.58
##	168	1.92	37.96	17.56
##	169	0.00	24.71	14.69
##	170	77.78	135.82	56.63
##	171			43.15
##	172	28.06 4.73	73.35 51.37	11.73
##	173	0.85	19.08	9.19
##	174	11.29	40.87	7.06
	175	4.73	20.75	
			71.83	12.58
	176 177	29.52 6.52	16.12	36.19 7.98
	178 179	19.37	35.06	21.83 17.92
	180	26.92 17.75	54.29 39.52	28.23
	181	59.67	118.62	81.44
	182	0.19	25.13	20.23
	183	15.12	34.98	18.35
	184	19.02	59.68	29.79
	185	18.33	100.21	88.60
	186	2.67	6.13	6.37
	187	34.77	84.17	62.71
	188	38.29	77.04	41.37
	189	29.92	73.08	47.67
	190	44.54	108.35	78.46
	191 192	3.12 6.92	20.04 30.62	13.33 19.40
	193	1.38	6.00	9.50
##	194	48.38	124.88	70.35

##	195	0.85	9.56	9.75
	196	1.02	14.42	18.13
	197	33.38	57.58	35.23
	198	2.87	5.90	32.87
	199	60.25	94.90	53.00
	200	37.73	71.56	47.04
	201	16.90	33.15	33.17
	202	50.37	153.46	33.58
	203	11.10	58.00	22.90
	204	2.94	12.21	4.96
	205	38.67	126.27	50.15
	206	50.94	114.37	36.96
	207	27.87	48.19	20.31
	208	10.96	23.21	11.90
	209	30.88	84.38	39.94
	210	34.50	99.15	17.65
	211	31.96	67.71	27.44
	212	19.23	55.62	14.31
	213	61.79	104.33	37.46
	214	23.88	84.85	56.60
	215	35.45	97.30	37.00
	216	45.69	45.38	49.94
	217	57.75	130.04	82.40
	218	36.90	76.38	35.35
	219	28.48	55.37	43.48
	220	46.37	103.10	54.37
	221	20.50	52.77	28.60
	222	41.08	119.96	77.46
	223	43.98	103.65	46.71
	224	108.62	199.44	234.44
	225	132.54	186.15	184.85
	226	81.63	134.31	66.67
	227	51.04	71.34	42.60
	228	61.73	88.62	139.58
	229	35.21	84.25	70.25
	230	15.19	63.71	50.29
##	231	41.06	63.00	83.31
	232	31.31	65.35	64.73
	233	31.83	73.58	57.73
	234	108.27	198.67	186.54
	235	36.42	92.08	72.83
##	236	60.87	124.62	123.33
	237	31.71	84.67	52.48
	238	59.58	103.75	55.81
	239	27.35	58.35	31.33
##	240	56.17	121.44	73.87
	241	29.29	89.94	58.19
	242	50.13	101.37	82.19
##	243	41.63	107.54	63.27
##	244	53.98	119.80	95.69
	245	72.48	114.19	73.13
##	246	66.56	112.87	89.73
	247	3.83	11.38	13.40
##	248	96.56	200.94	124.60

##	249	75.21	123.87	78.23
##	250	90.88	194.12	179.46
##	251	45.35	82.31	46.87
##	252	11.13	51.83	32.40
	253	1.59	34.49	34.43
	254	32.62	74.83	48.10
	255	5.38	34.46	30.87
	256	24.44	69.13	43.83
	257	25.58	68.31	34.12
	258	25.94	86.90	39.60
##	259	42.12	76.63	68.10
##	260	77.61	147.98	61.88
##	261	64.75	163.40	100.62
##	262	25.15	53.17	26.25
##	263	26.35	47.40	31.37
##	264	21.42	40.46	37.17
	265	21.08	45.21	29.56
	266	24.00	57.21	41.69
	267	30.81	65.67	54.96
	268	63.13	129.19	89.83
	269	55.63	102.75	72.67
	270	22.19	65.54	38.02
	271	28.29	71.75	34.88
	272	24.23	90.08	37.88
##	273	31.58	72.85	32.75
##	274	5.71	12.44	11.69
##	275	38.04	70.83	50.27
##	276	41.65	90.75	61.33
##	277	5.79	15.69	23.77
##	278	51.96	150.29	85.73
##	279	32.14	49.92	29.69
	280	21.06	31.71	22.79
	281	24.94	113.04	58.81
	282	90.29	242.58	102.75
	283	21.00	74.63	42.21
		28.23		
	284		76.71	29.81
	285	53.90	111.15	37.21
	286	58.48	148.87	69.92
	287	45.25	102.02	73.15
	288	60.10	144.23	49.10
##	289	54.31	132.46	86.60
##	290	20.73	63.60	33.19
##	291	31.35	82.38	43.75
##	292	40.50	66.12	49.19
##	293	63.44	79.88	66.92
##	294	108.22	206.08	179.41
	295	28.94	58.85	36.46
	296	76.38	159.79	87.48
	297	66.96	141.58	62.48
	298	61.37	109.77	80.71
	299	126.65	174.81	159.08
	300	62.37	195.67	89.00
	301	6.42	15.10	37.94
ĦĦ	302	23.21	65.87	36.81

##	303	29.90	75.50	42.69
##	304	38.48	81.50	40.90
##	305	73.29	107.77	78.29
##	306	69.60	163.75	79.27
##	307	52.69	120.62	59.94
##	308	52.31	95.23	58.85
##	309	55.10	96.15	51.58
	310	75.58	112.73	41.06
##	311	37.58	80.21	42.96
	312	45.87	93.73	132.40
	313	22.71	49.06	39.71
	314	52.12	104.15	46.65
	315	13.60	47.00	27.25
	316	39.71	120.85	60.96
	317	68.40	102.52	104.54
	318	77.83	143.46	73.37
	319	73.65	145.04	71.21
	320	30.52	93.69	70.96
	321	36.98	72.60	43.02
	322	34.92	50.56	41.23
	323	18.55	18.41	29.64
	324	34.22	88.68	66.66
	325	56.62	86.96	41.87
	326	73.42	173.23	119.15
	327	50.25	136.13	74.35
	328	28.94	65.50	28.13
	329	95.73	134.60	80.58
	330	18.52	58.06	26.96
	331	52.83	128.73	104.19
	332	63.85	224.08	218.81
	333	39.13	120.63	97.35
	334	62.47	147.84	112.63
	335	106.15	193.65	78.96
	336	64.02	105.31	53.27
		36.77		
	337 338		93.13 153.50	63.92
	339	52.44 104.83	221.98	64.92 104.79
	340	75.87	157.00	75.62
	341	47.77	144.79	73.54
				34.38
	342	19.85	53.77	
	343	10.90	54.40	30.83 94.12
	344	54.58	123.02	
	345	50.42	82.29	44.73
	346 347	41.30	77.57 208.25	38.61
		120.31		115.25
	348	68.60	137.50	99.96
	349	57.60	115.52	63.02
	350	40.44	88.73	59.44
	351	60.02	118.13	77.15
	352	36.48	67.71	26.02
	353	42.00	87.04	63.25
	354	67.87	99.27	116.56
	355	75.52	201.37	72.54
##	356	43.27	107.63	51.65

##	357	42.37	96.17	58.87
##	358	44.92	96.25	64.77
##	359	1.67	23.54	25.21
	360	55.56	91.73	48.79
##	361	26.46	68.90	21.58
##	362	28.94	91.08	22.98
##	363	56.37	81.31	38.87
##	364	22.73	74.67	19.75
	365	17.52	66.90	20.71
	366	36.54	92.27	50.33
	367	29.71	62.79	31.60
	368	50.60	88.00	55.31
	369	19.50	53.58	13.71
	370	33.75	67.29	16.42
	371	14.54	42.29	9.48
	372	7.42	41.42	10.58
	373	85.10	119.52	84.02
	374	42.58	91.77	37.67
	375	6.38	39.63	28.35
	376	26.94	55.63	27.25
	377	72.90	124.25	43.50
	378	0.00	21.10	14.08
	379	2.08	24.69	18.40
	380	33.63	64.63	29.58
	381	10.17	22.92	11.54
	382	44.12	94.00	58.52
	383	3.46	38.87	20.10
	384	37.98	90.60	58.75
	385	0.00	15.21	16.06
	386	50.25	83.52	33.75
	387	12.54	27.63	10.83
	388 389	36.31 23.58	90.27 145.62	51.10 52.35
	390	72.65	122.94	51.08
	391	37.40	126.73	59.08
	392	23.31	48.44	20.38
	393	46.15	97.62	43.54
	394	23.54	40.63	24.37
	395	30.54	76.04	32.79
	396	6.40	18.48	14.88
	397	23.52	48.13	40.04
	398	40.88	76.54	36.88
	399	54.98	76.62	52.38
	400	65.46	75.37	51.79
	401	50.69	87.60	42.23
##	402	23.19	34.06	30.56
##	403	62.73	67.31	41.21
	404	50.12	88.57	29.02
	405	61.08	101.12	55.06
	406	47.27	104.69	70.83
##	407	66.63	108.62	122.19
##	408	21.48	39.29	21.73
##	409	60.50	139.56	62.15
##	410	50.88	105.25	62.08

	411	44.48	81.40	39.19
##	412	52.27	107.17	43.50
##	413	36.60	78.63	28.46
##	414	41.62	84.12	41.02
##	415	54.40	114.06	46.58
	416	43.92	76.25	49.52
	417	47.02	60.98	44.75
	418	68.96	104.98	42.71
	419	59.50	120.67	78.06
	420	82.06	168.94	82.10
	421	63.58	133.31	62.02
	422	48.79	78.67	46.65
##	423	50.62	83.54	40.27
##	424	58.48	117.46	51.42
##	425	56.21	153.12	58.77
##	426	83.33	171.98	83.48
##	427	41.77	57.40	32.06
##	428	131.58	172.42	93.17
	429	70.40	114.54	80.25
	430	86.13	164.25	51.50
	431	4.62	30.23	22.73
	432	33.67	51.17	26.78
	433	87.37	136.19	76.71
	434	58.21	105.87	59.73
	435	39.38	81.04	32.52
	436	72.71	150.31	57.35
	437	72.23	97.90	50.62
	438	78.02	145.63	79.31
##	439	90.38	119.19	111.79
##	440	31.15	60.62	36.02
##	441	128.23	177.85	73.52
##	442	144.40	282.40	174.08
##	443	40.96	89.75	45.63
##	444	70.79	97.29	79.19
##	445	13.85	32.79	34.94
	446	5.02	48.23	30.77
	447	7.54	16.25	11.21
	448	46.13	108.56	64.15
	449	84.15	134.33	100.25
	450	32.92	63.52	43.21
	451	4.31	11.00	7.25
	452	3.96	22.31	11.65
	453	103.19	127.17	76.44
	454	24.67	84.37	24.31
	455	3.46	19.56	9.69
	456	37.58	80.40	63.92
	457	39.13	70.31	49.92
##	458	217.75	378.54	302.23
##	459	41.31	88.42	41.31
##	460	116.83	198.27	111.25
##	461	64.56	173.54	80.46
	462	49.47	63.90	36.31
	463	137.17	396.17	189.67
	464	66.62	139.31	71.92
	101	00.02	100.01	11.02

##	465	70.58	151.63	92 65
				83.65
	466	77.67	165.90	68.46
	467	112.65	170.65	102.29
	468	186.15	259.63	159.81
	469	10.21	28.77	12.58
	470	100.25	197.17	102.52
##	471	117.75	165.81	95.17
##	472	116.92	178.59	80.41
##	473	55.60	109.10	47.13
##	474	94.90	203.19	102.60
##	475	29.69	82.60	43.60
##	476	29.63	84.48	62.12
	477	67.67	113.52	62.23
	478	111.88	236.44	154.62
	479	23.58	59.79	27.73
	480	6.94	28.58	40.79
	481	67.00	128.31	62.12
	482	90.42	149.37	59.56
			111.25	
	483	84.08		53.08
	484	116.54	185.56	112.12
	485	117.58	177.92	76.38
	486	210.65	397.71	319.60
	487	170.27	157.13	100.48
	488	69.40	110.87	73.29
	489	44.15	103.21	46.29
	490	54.77	166.62	64.67
	491	116.02	238.77	92.37
	492	65.96	117.40	65.83
##	493	73.29	148.00	85.46
##	494	46.25	118.44	57.88
##	495	15.56	108.73	74.37
##	496	251.83	421.46	345.00
##	497	60.75	134.50	51.50
##	498	94.08	215.40	116.06
##	499	61.15	153.92	49.73
##	500	201.15	562.46	306.63
##	501	92.69	205.44	103.60
##	502	201.88	329.83	160.58
##	503	130.27	278.46	144.42
	504	137.04	227.60	177.52
	505	166.25	313.48	140.62
	506	54.00	54.00	37.25
	507	23.58	100.31	54.75
	508	17.44	40.35	31.13
	509	21.52	77.52	29.56
	510	65.37	177.90	144.55
	511	2.96	20.31	8.38
	512	86.12	144.62	75.50
	513	18.46	82.21	38.56
	514	37.81	85.94	24.81
	515	1.29	27.13	8.81
	516	25.92	80.27	24.50
	517	5.12	16.81	12.35
##	518	28.77	80.10	15.37

##	519	6 12	21.54	9.08
	520	6.13		41.92
		32.85	76.12	
	521	37.13	114.13	48.69
	522	4.87	57.06	27.73
	523	14.62	46.83	19.02
	524	33.02	107.50	42.48
	525	39.48	77.71	46.35
	526	2.62	27.81	12.60
	527	0.00	3.98	1.75
	528	69.02	189.65	81.54
	529	15.33	49.08	29.06
	530	55.38	128.00	66.27
	531	44.98	70.13	32.06
	532	44.79	93.19	29.56
	533	32.04	61.42	34.17
	534	2.04	40.46	22.48
	535	53.19	83.81	70.04
	536	32.46	73.17	27.79
	537	1.88	28.06	20.98
	538	57.98	70.54	52.17
##	539	48.71	76.02	32.73
##	540	49.56	102.52	38.96
##	541	27.94	56.10	25.73
##	542	4.79	23.10	10.31
##	543	8.67	39.00	18.42
##	544	33.27	51.88	27.58
##	545	24.27	47.38	34.06
##	546	64.52	128.50	49.42
##	547	36.56	60.52	37.73
##	548	52.96	67.98	39.38
##	549	31.17	40.69	46.96
##	550	51.12	119.77	54.44
##	551	24.60	49.92	29.58
##	552	44.92	99.85	57.04
##	553	121.87	192.98	111.81
##	554	45.04	81.29	54.00
##	555	130.08	206.62	135.42
##	556	44.35	69.83	53.96
##	557	6.00	19.04	18.81
##	558	43.81	63.60	37.77
##	559	1.13	14.44	27.98
##	560	5.92	16.60	15.00
##	561	58.56	111.96	81.29
##	562	24.46	37.13	35.63
##	563	8.88	19.83	19.17
##	564	18.17	41.31	18.92
##	565	49.06	74.73	44.21
##	566	41.85	92.85	52.75
	567	25.69	52.44	33.13
	568	52.00	87.31	53.71
	569	44.94	76.00	62.92
	570	75.65	158.10	83.17
	571	10.75	37.31	25.96
##	572	118.25	134.73	117.87

##	573	41.77	88.31	60.52
	574	50.65	81.50	59.15
	575	26.60	79.27	56.83
	576	51.58	162.54	126.19
	577	62.13	132.73	62.50
	578	28.46	70.96	27.37
	579	7.17	42.73	7.90
	580	39.77	86.04	32.96
	581	8.25	46.08	19.81
	582	8.19	75.02	29.79
	583	14.35	35.40	18.37
	584	7.87	22.38	16.52
	585	34.75	90.67	46.17
	586	96.21	163.31	107.44
	587	103.48	143.69	172.71
	588	21.90	57.17	17.67
	589	59.29	117.37	83.52
	590	26.50	73.33	32.31
	591	41.10	103.27	50.88
	592	13.73	40.87	16.42
	593	56.23	115.88	51.29
	594	16.73	54.85	28.23
	595	38.13	70.33	35.65
	596	40.15	52.98	26.69
	597	37.52	75.37	36.56
	598	30.02	69.08	36.83
	599	30.23	67.60	35.21
	600	29.87	123.37	67.52
	601	48.35	167.44	55.35
	602	41.31	78.90	27.15
	603	38.12	90.96	37.48
	604	40.71	71.25	42.38
	605	94.17	157.69	90.58
	606	25.67	60.31	29.19
	607	37.02	80.42	40.15
	608	46.31	91.35	50.17
##	609	34.46	77.17	53.94
	610	95.73	196.48	69.29
	611	80.60	122.58	67.92
	612	37.42	89.88	57.58
	613	62.15	104.52	71.75
	614	55.77	155.83	50.75
	615	53.29	143.81	64.25
	616	21.48	54.71	36.98
##	617	48.58	92.17	43.04
##	618	159.35	259.69	141.94
##	619	62.65	100.58	58.65
	620	78.37	92.42	53.35
##	621	43.25	103.62	60.52
##	622	60.00	70.38	33.25
##	623	40.81	114.62	50.83
##	624	69.31	111.19	61.94
##	625	44.65	125.83	63.54
##	626	41.31	70.13	47.08

шш	607	FC 04	150.00	FF 20
	627	56.04	152.06	55.38
##	628	45.04	65.21	42.17
##	629	9.25	69.50	33.02
##	630	25.35	60.27	24.79
##	631	37.79	68.15	45.52
##	632	41.90	86.08	45.65
	633	57.48	120.52	42.85
	634	51.73	86.40	59.87
	635	36.81	54.58	29.04
	636	19.73	43.79	22.94
	637	45.02	95.19	40.15
	638	53.54	106.04	46.19
	639	78.63	119.23	81.33
##	640	31.88	89.63	41.48
##	641	81.06	145.56	68.69
##	642	46.87	143.60	38.08
##	643	64.98	134.19	50.27
##	644	25.21	75.94	38.67
##	645	47.17	68.71	42.46
##	646	12.52	43.46	25.58
	647	10.65	54.69	15.46
	648	27.58	52.15	26.40
	649	14.04	65.71	33.25
	650	5.73	28.15	7.62
	651	12.00	37.06	23.88
	652	74.77	104.98	64.15
	653	60.77	126.42	79.52
	654	43.25	62.56	49.48
	655	27.79	46.48	33.62
##	656	9.38	27.90	13.38
##	657	3.65	16.65	10.63
##	658	69.96	126.94	46.75
##	659	97.85	132.17	156.88
##	660	277.52	417.19	309.25
##	661	30.62	70.60	23.21
	662	34.37	73.13	40.75
	663	23.21	69.92	16.52
	664	188.48	253.58	130.25
	665	145.44	267.37	77.73
	666	63.33	124.48	52.37
			106.42	43.88
	667	102.10		
	668	131.52	174.38	71.69
	669	100.73	139.35	65.75
	670	204.37	280.75	142.04
	671	59.10	167.29	84.13
	672	96.33	129.65	54.65
##	673	108.77	175.56	85.62
##	674	17.58	43.58	16.85
##	675	73.04	97.13	62.31
##	676	86.04	154.17	59.77
##	677	81.65	169.62	55.38
	678	15.40	45.33	13.62
	679	68.25	87.65	53.85
	680	58.00	113.23	35.85
11 11	550	30.00	110.20	55.55

##	681	76.40	149.96	122.85
##	682	42.73	52.48	65.13
##	683	56.75	115.77	70.67
##	684	9.37	18.63	11.77
##	685	15.79	66.38	25.77
##	686	242.48	292.75	333.33
##	687	78.44	148.12	60.46
##	688	128.10	239.00	148.23
	689	35.00	33.50	33.83
##	690	91.31	227.69	97.52
	691	65.23	161.98	67.27
	692	58.00	92.62	42.38
	693	1.79	21.00	9.71
	694	34.96	78.79	40.48
	695	25.71	53.27	26.52
	696	89.58	118.06	93.90
	697	4.12	20.04	15.06
	698	46.62	129.63	59.04
	699	27.08	71.65	33.69
	700	126.69	174.46	75.13
	701	112.27	255.83	104.42
	702	53.92	58.69	27.06
	703	70.58	122.12	63.69
	704	57.90	102.10	70.30
	705	381.96	516.56	439.06
	706	99.21	154.04	106.42
	707	81.90	108.83	66.13
	708	101.96	148.54	81.25
	709	133.79	191.54	95.44
	710	68.87	74.67	90.29
	711	195.71	273.37	210.10
	712	34.29	64.69	34.46
	713	106.08	139.02	97.98
	714	135.88	200.37	144.54
			114.54	55.88
	715 716	54.19 31.18	47.24	32.94
	717	97.13	186.31	87.06
	718	38.19	117.17	34.50
	719	107.04	168.25	139.19
			113.00	
	720	99.63	178.20	104.58
	721	91.59		119.43
	722	24.73	48.15	27.13
	723	0.31	29.79	11.94 18.60
	724	3.94	29.31	
	725	10.89	53.64	26.32
	726	24.45	59.02	30.92
	727	17.62	67.85	29.29
	728	69.44	70.96	56.98
	729	27.00	69.85	36.88
	730	85.04	181.46	119.48
	731	40.62	70.54	37.00
	732	40.56	83.73	65.37
	733	29.90	70.62	39.29
##	734	53.10	103.58	58.40

##	735	8.12	36.56		10.27
##	736	41.00	112.52		50.56
##	737	48.62	126.15		41.87
##	738	18.96	43.15		24.27
##	739	42.21	74.90		45.40
##	740	112.27	167.79		87.50
##	741	80.90	209.50	1	137.75
##	742	30.40	70.13		24.60
	743	143.42	262.06	1	144.35
	744	0.00	25.21	-	13.17
	745	20.73	50.00		25.90
	746	28.33	58.23		31.17
	747	8.81	23.81		6.23
	748	56.79	80.27		43.08
	749	19.52	40.21		18.10
	750	13.67	75.48		34.73
	751	32.40	74.31		37.54
	752	258.19	305.75	1	184.77
	753	48.81	65.00		22.12
	754	0.00	30.10		30.88
##	755	48.60	98.29		45.58
##	756	37.79	65.88		29.60
##	757	47.17	75.92		42.46
##	758	96.04	172.46	1	112.17
##	759	148.83	238.42	1	168.00
##	760	84.88	233.44	1	136.02
##	761	17.27	59.52		32.19
##	762	23.98	65.90		29.92
##	763	0.90	20.06		9.87
##	764	58.54	165.65		97.60
##	765	46.94	117.81		63.06
##	766	0.74	34.22		22.07
##	767	51.12	85.21		46.25
##	768	22.69	52.69		19.02
##	769	18.42	72.29		24.83
##	770	31.48	68.37		30.00
##	771	52.98	105.87		68.38
##		takeHomePotato_units	kingBars_units	flatWater_units	
##	1	7.71	17.87	56.54	39.71
##	2	33.46	47.44	98.42	38.73
##		19.90	45.21	130.27	47.31
##		22.10	45.33	132.77	39.87
##	5	42.33	79.81	204.06	50.29
##		0.00	11.88	25.31	2.69
##		136.79	114.50	328.63	112.38
##		16.58	36.54	111.79	34.85
##		73.40	93.77	193.12	70.15
##		46.12	89.67	323.42	73.83
##		37.12	75.37	267.08	68.37
##		18.96	51.90	91.90	39.73
##		13.88	31.75	132.08	29.85
##		29.63	54.44	74.56	41.02
##		21.08	29.44	58.73	26.50
##		33.10	50.04	77.23	33.15
π#	10	55.10	50.04	11.23	55.15

##	17	1.81	18.71	19.25	13.15
##	18	50.12	98.60	196.17	87.65
##	19	3.19	7.50	16.31	7.38
##	20	21.69	49.29	67.56	44.62
##	21	4.90	28.88	69.08	24.46
##	22	67.10	61.69	62.17	49.50
##	23	21.98	44.98	82.94	42.50
##	24	30.10	64.75	117.19	54.23
##	25	13.83	35.35	69.21	37.67
##	26	13.33	26.12	92.88	19.08
##	27	11.29	16.58	84.10	17.52
##	28	13.08	36.48	83.12	28.10
##	29	39.56	92.44	191.73	74.96
##	30	53.25	79.52	175.75	61.60
##	31	37.65	77.42	261.79	64.44
##	32	17.00	33.98	103.25	39.67
##	33	29.42	43.90	94.79	37.15
##	34	0.00	38.00	89.54	59.62
##	35	26.02	41.67	110.56	39.58
##	36	38.42	63.87	191.67	37.81
##	37	3.58	17.38	71.02	27.96
##	38	24.54	34.77	118.00	29.90
##	39	17.88	55.10	183.85	56.88
##	40	52.17	78.67	125.04	55.73
##	41	23.90	60.67	154.21	39.88
##	42	63.67	105.60	118.50	63.42
##	43	37.06	54.75	102.48	31.81
##	44	35.15	45.40	103.96	60.40
##	45	108.58	117.52	215.92	101.62
##	46	40.33	67.27	135.15	80.52
##	47	7.75	34.85	49.38	28.29
##	48	57.08	93.92	165.08	75.69
##	49	46.23	69.88	170.75	95.06
##	50	13.13	39.48	62.71	33.40
##	51	13.25	50.58	65.31	55.77
##	52	45.52	62.38	90.21	56.52
##	53	33.31	57.13	178.23	49.98
##	54	0.00	7.23	35.04	19.13
##	55	45.38	59.12	95.50	64.75
##	56	28.85	43.31	164.31	54.21
##	57	14.50	46.60	151.81	47.56
##	58	22.42	40.94	110.40	28.79
##	59	31.48	49.02	109.69	29.75
##	60	19.77	40.98	126.88	35.60
##	61	12.35	41.81	106.98	30.46
##	62	13.58	48.19	188.54	46.98
##	63	18.46	45.29	163.38	48.06
##	64	12.50	33.02	58.40	33.56
##	65	8.73	21.37	45.38	19.13
##	66	32.33	65.13	109.27	53.92
##	67	19.17	51.23	73.46	38.13
##	68	1.58	8.83	15.42	9.50
##	69	26.38	59.44	177.94	24.98
##	70	17.04	37.75	145.67	30.21

##	71	79.44	54.92	225.46	63.13
##	72	21.10	43.00	148.50	34.10
##	73	51.08	84.15	347.04	76.63
##	74	44.73	64.17	264.23	67.52
##	75	17.85	42.65	111.19	26.35
##	76	17.62	40.38	158.31	31.65
##	77	28.88	34.33	128.33	43.69
##	78	29.79	60.00	187.56	31.71
##	79	17.52	27.04	139.94	46.83
##	80	17.37	40.52	148.88	34.88
##	81	11.56	40.75	61.06	32.38
##	82	2.67	13.69	27.13	8.69
##	83	32.79	58.40	204.44	41.06
##	84	19.50	44.50	165.21	31.71
##	85	29.98	51.58	86.75	52.79
##	86	36.81	82.23	297.35	56.67
##	87	31.77	43.00	145.83	27.06
##	88	7.73	34.29	87.18	17.96
##	89	22.25	35.58	51.08	36.67
##	90	24.44	50.62	98.00	33.90
##	91	13.40	38.75	77.65	18.35
##	92	30.42	46.13	111.69	72.21
##	93	24.73	29.04	85.75	51.77
##	94	11.02	25.38	92.12	17.65
##	95	12.96	48.67	151.94	48.65
##	96	34.42	74.44	143.29	43.17
##	97	25.10	42.27	73.17	32.87
##	98	30.17	46.60	82.58	31.46
##	99	16.56	24.83	64.38	33.40
	100	41.42	58.96	236.67	48.21
##	101	14.12	28.71	112.52	19.83
##	102	12.17	33.56	49.44	27.60
	103	23.87	37.90	93.13	24.48
	104	87.85	91.29	154.27	88.17
	105	4.33	14.67	37.38	19.58
	106	25.79	56.54	104.62	32.13
##	107	27.79	48.77	87.37	42.31
	108	44.69	72.58	145.67	45.73
	109	26.38	34.44	75.56	30.81
	110	4.71	16.23	45.83	21.44
	111	14.58	36.33	116.21	63.67
	112	39.52	67.54	150.21	87.81
	113	35.06	82.08	151.81	98.63
	114	31.65	61.17	182.40	78.10
	115	49.50	59.92	176.37	99.40
	116	33.21	51.42	160.12	53.35
	117	20.16	57.63	121.53	53.76
	118	18.62	34.29	111.58	41.38
	119	13.29	30.60	122.56	31.00
	120		122.88		143.79
	121	12.00	64.40	83.27	61.65
	122	25.44	29.85	113.33	68.63
	123		136.35	231.52	70.73
##	124	73.67	98.04	309.98	82.79

## 126						
## 127	##	125	102.12	120.94	289.52	80.23
## 128	##	126				125.46
## 129				48.25	64.25	37.65
## 130				54.77		58.42
## 131				24.65		12.12
## 132	##	130		44.50	115.31	67.67
## 133	##	131	4.50	13.85	34.42	9.37
## 134	##	132	43.73	65.48		112.94
## 135						73.40
## 136					220.90	60.21
## 137						177.79
## 138						159.77
## 139						29.31
## 140 67.58 98.90 232.60 102.13 ## 141 139.71 122.92 182.71 177.44 ## 142 6.23 33.98 148.37 88.90 ## 143 32.94 74.06 107.42 70.46 ## 144 13.60 49.50 77.92 43.00 ## 145 218.92 199.50 456.62 121.92 ## 146 40.50 35.37 88.25 76.83 ## 147 7.71 17.90 63.50 14.66 ## 149 15.79 22.10 43.87 31.35 ## 150 29.38 47.50 163.85 38.82 ## 151 3.46 10.23 47.38 22.67 ## 152 7.71 18.94 18.88 10.35 ## 153 10.69 29.06 44.88 22.46 ## 155 6.23 10.96 52.15 19.46 ## 156 17.15 16.88 53.31 42.46 ## 157 38.02 52.56 123.27 46.27 ## 158 14.17 21.92 47.79 23.87 ## 159 35.48 40.92 213.87 42.02 ## 160 147.52 165.40 415.87 188.92 ## 161 54.71 79.08 197.00 89.27 ## 162 20.60 23.35 72.65 20.42 ## 166 13.75 34.62 79.88 30.06 ## 167 34.58 94.77 186.67 10.96 ## 168 0.00 11.94 38.25 76.51 ## 168 0.00 131.37 75.71 ## 168 0.00 11.94 38.25 26.31 ## 169 2.98 10.58 27.06 10.96 ## 170 57.51 43.90 355.27 75.61 ## 171 32.87 54.12 167.85 36.63 ## 172 5.73 14.94 62.54 25.88 ## 173 0.00 8.85 15.17 12.87 ## 174 5.63 14.81 35.00 29.67 ## 175 0.00 12.67 26.37 17.56 ## 176 23.33 57.48 103.21 38.38 ## 177 0.00 2.08 19.75 9.21	##	138		16.85	81.88	35.19
## 141	##	139	44.19	81.08	225.21	108.48
## 142 6.23 33.98 148.37 88.90 ## 143 32.94 74.06 107.42 70.46 ## 144 13.60 49.50 77.92 43.00 ## 145 218.92 199.50 456.62 121.92 ## 146 40.50 35.37 88.25 76.33 ## 147 7.71 17.90 63.50 14.65 ## 148 185.65 257.23 780.54 277.92 ## 149 15.79 22.10 43.87 31.35 ## 150 29.38 47.50 163.85 38.88 ## 151 3.46 10.23 47.38 22.67 ## 152 7.71 18.94 18.88 10.35 ## 153 10.69 29.06 44.88 22.40 ## 154 16.79 33.00 197.23 48.75 ## 155 6.23 10.96 52.15 19.46 ## 156 17.15 16.88 53.31 42.46 ## 157 38.02 52.56 123.27 46.27 ## 158 14.17 21.92 47.79 23.87 ## 159 35.48 40.92 213.87 42.02 ## 161 54.71 79.08 197.00 89.27 ## 162 20.60 23.35 72.65 20.42 ## 163 38.13 69.73 107.69 97.98 ## 164 19.58 49.06 83.10 39.04 ## 165 26.83 61.00 131.37 75.71 ## 168 0.00 11.94 38.25 26.31 ## 167 34.58 94.77 186.67 109.26 ## 168 0.00 11.94 38.25 26.31 ## 169 2.98 10.58 27.06 10.96 ## 170 57.51 43.90 355.27 75.51 ## 171 32.87 54.12 167.85 36.63 ## 172 5.73 14.94 62.54 25.86 ## 173 0.00 8.85 15.17 12.87 ## 174 5.63 14.81 35.00 29.67 ## 175 0.00 2.08 19.75 9.21	##	140	67.58		232.60	102.13
## 143	##	141			182.71	177.44
## 144	##	142	6.23	33.98		88.90
## 145	##	143	32.94	74.06	107.42	70.48
## 146	##	144	13.60	49.50	77.92	43.00
## 147	##	145	218.92	199.50	456.62	121.92
## 148	##	146	40.50	35.37		76.83
## 149	##	147	7.71	17.90	63.50	14.69
## 150			185.65	257.23	780.54	277.92
## 151	##	149	15.79	22.10	43.87	31.35
## 152	##	150	29.38	47.50		38.88
## 153	##	151		10.23	47.38	22.67
## 154	##	152	7.71	18.94	18.88	10.35
## 155 6.23 10.96 52.15 19.46 ## 156 17.15 16.88 53.31 42.46 ## 157 38.02 52.56 123.27 46.27 ## 158 14.17 21.92 47.79 23.87 ## 159 35.48 40.92 213.87 42.02 ## 160 147.52 165.40 415.87 188.92 ## 161 54.71 79.08 197.00 89.27 ## 162 20.60 23.35 72.65 20.42 ## 163 38.13 69.73 107.69 97.98 ## 164 19.58 49.06 83.10 39.04 ## 165 26.83 61.00 131.37 75.71 ## 166 13.75 34.62 79.88 30.06 ## 167 34.58 94.77 186.67 109.25 ## 168 0.00 11.94 38.25 26.31 ## 169 2.98 10.58 27.06 10.96 ## 170 57.51 43.90 355.27 75.51 ## 171 32.87 54.12 167.85 36.63 ## 172 5.73 14.94 62.54 25.88 ## 173 0.00 8.85 15.17 12.87 ## 174 5.63 14.81 35.00 29.67 ## 175 0.00 12.67 26.37 17.50 ## 176 23.33 57.48 103.21 38.38 ## 177 0.00 2.08 19.75 9.21	##	153	10.69		44.88	22.40
## 156	##	154		33.00		48.75
## 157	##	155		10.96		19.46
## 158	##	156	17.15	16.88		42.46
## 159						46.27
## 160			14.17	21.92	47.79	23.87
## 161	##	159	35.48	40.92	213.87	42.02
## 162	##	160	147.52	165.40		188.92
## 163	##	161	54.71	79.08		89.27
## 164						20.42
## 165 26.83 61.00 131.37 75.71 ## 166 13.75 34.62 79.88 30.06 ## 167 34.58 94.77 186.67 109.25 ## 168 0.00 11.94 38.25 26.31 ## 169 2.98 10.58 27.06 10.96 ## 170 57.51 43.90 355.27 75.51 ## 171 32.87 54.12 167.85 36.63 ## 172 5.73 14.94 62.54 25.88 ## 173 0.00 8.85 15.17 12.87 ## 174 5.63 14.81 35.00 29.67 ## 175 0.00 12.67 26.37 17.50 ## 176 23.33 57.48 103.21 38.38 ## 177 0.00 2.08 19.75 9.21						
## 166						
## 167 34.58 94.77 186.67 109.25 ## 168 0.00 11.94 38.25 26.31 ## 169 2.98 10.58 27.06 10.96 ## 170 57.51 43.90 355.27 75.51 ## 171 32.87 54.12 167.85 36.63 ## 172 5.73 14.94 62.54 25.88 ## 173 0.00 8.85 15.17 12.87 ## 174 5.63 14.81 35.00 29.67 ## 175 0.00 12.67 26.37 17.50 ## 176 23.33 57.48 103.21 38.38 ## 177 0.00 2.08 19.75 9.21						75.71
## 168 0.00 11.94 38.25 26.31 ## 169 2.98 10.58 27.06 10.96 ## 170 57.51 43.90 355.27 75.51 ## 171 32.87 54.12 167.85 36.63 ## 172 5.73 14.94 62.54 25.88 ## 173 0.00 8.85 15.17 12.87 ## 174 5.63 14.81 35.00 29.67 ## 175 0.00 12.67 26.37 17.50 ## 176 23.33 57.48 103.21 38.38 ## 177 0.00 2.08 19.75 9.21						
## 169 2.98 10.58 27.06 10.96 ## 170 57.51 43.90 355.27 75.51 ## 171 32.87 54.12 167.85 36.63 ## 172 5.73 14.94 62.54 25.88 ## 173 0.00 8.85 15.17 12.87 ## 174 5.63 14.81 35.00 29.67 ## 175 0.00 12.67 26.37 17.50 ## 176 23.33 57.48 103.21 38.38 ## 177 0.00 2.08 19.75 9.21						
## 170 57.51 43.90 355.27 75.51 ## 171 32.87 54.12 167.85 36.63 ## 172 5.73 14.94 62.54 25.88 ## 173 0.00 8.85 15.17 12.87 ## 174 5.63 14.81 35.00 29.67 ## 175 0.00 12.67 26.37 17.50 ## 176 23.33 57.48 103.21 38.38 ## 177 0.00 2.08 19.75 9.21						
## 171 32.87 54.12 167.85 36.63 ## 172 5.73 14.94 62.54 25.88 ## 173 0.00 8.85 15.17 12.87 ## 174 5.63 14.81 35.00 29.67 ## 175 0.00 12.67 26.37 17.50 ## 176 23.33 57.48 103.21 38.38 ## 177 0.00 2.08 19.75 9.21						
## 172 5.73 14.94 62.54 25.88 ## 173 0.00 8.85 15.17 12.87 ## 174 5.63 14.81 35.00 29.67 ## 175 0.00 12.67 26.37 17.50 ## 176 23.33 57.48 103.21 38.38 ## 177 0.00 2.08 19.75 9.21				43.90		
## 173 0.00 8.85 15.17 12.87 ## 174 5.63 14.81 35.00 29.67 ## 175 0.00 12.67 26.37 17.50 ## 176 23.33 57.48 103.21 38.38 ## 177 0.00 2.08 19.75 9.21						
## 174 5.63 14.81 35.00 29.67 ## 175 0.00 12.67 26.37 17.50 ## 176 23.33 57.48 103.21 38.38 ## 177 0.00 2.08 19.75 9.21						25.88
## 175 0.00 12.67 26.37 17.50 ## 176 23.33 57.48 103.21 38.38 ## 177 0.00 2.08 19.75 9.21						12.87
## 176 23.33 57.48 103.21 38.38 ## 177 0.00 2.08 19.75 9.21						29.67
## 177 0.00 2.08 19.75 9.21						17.50
						38.38
## 178 6.60 16.29 57.00 20.10						9.21
	##	178	6.60	16.29	57.00	20.10

	179	14.04	30.12	50.77	25.04
##	180	10.27	30.13	61.52	18.04
##	181	57.75	102.12	172.37	70.33
	182	2.67	23.44	37.31	6.71
##	183	7.40	26.88	54.48	18.65
	184	11.04	44.17	82.43	28.36
	185	24.65	74.02	246.29	65.25
##	186	0.00	9.21	15.83	9.56
##	187	16.19	97.77	163.54	49.79
##	188	23.73	54.62	105.52	39.31
	189	22.67	55.17	109.48	33.52
	190	16.88	64.62	169.33	66.56
	191	0.00	4.10	29.94	9.27
	192	0.08	15.98	65.46	22.96
##	193	1.17	12.08	26.13	4.15
	194	28.12	84.88	220.10	57.73
##	195	0.00	8.25	24.15	1.56
##	196	1.87	16.25	33.19	3.52
##	197	26.06	43.27	169.21	31.02
##	198	0.79	39.10	84.98	2.00
##	199	40.31	65.06	144.27	47.31
##	200	29.71	59.23	133.56	52.50
	201	6.40	3.63	110.62	33.37
##	202	45.71	78.06	82.25	66.48
##	203	7.88	30.15	61.12	26.17
	204	1.48	4.02	18.94	9.96
	205	17.67	64.38	154.15	55.23
	206	31.29	47.62	112.15	39.06
	207	20.75	49.79	57.92	31.33
	208	6.35	20.17	35.75	20.19
	209	16.81	59.79	127.33	50.04
	210	19.02	37.10	69.15	38.88
	211	28.15	52.50	51.37	77.92
	212	17.62	30.15	39.98	45.15
	213	41.17	69.50	91.71	71.21
	214	10.44	45.90	158.90	57.23
##	215	79.38	45.77	90.57	42.36
	216	40.06	55.06	105.38	52.44
	217	57.92	52.25	207.42	62.98
	218	36.38	49.13	125.29	31.19
	219	28.62	37.27	92.87	24.31
	220	39.85	44.29	177.08	87.02
	221	18.54	31.38	95.38	23.46
	222	36.02	34.77	237.98	103.42
	223	46.02	47.63	145.90	56.12
	224	140.35	139.23	493.13	206.81
	225	107.90	91.13	452.25	135.35
	226	76.81	42.48	114.33	70.10
	227	20.36	24.86	79.88	40.84
	228	36.92	82.29	108.92	115.27
	229	24.67	36.50	124.79	69.85
	230	12.85	38.27	69.29	59.83
	231	34.79	67.21	65.40	109.15
##	232	30.75	59.77	57.29	61.67

##	233	27.96	41.94	100.83	50.92
##	234	86.08	139.15	322.69	198.06
##	235	29.77	44.87	115.29	90.33
##	236	59.02	91.65	132.71	118.65
##	237	24.29	43.17	76.10	73.90
##	238	56.62	36.73	114.96	48.62
##	239	23.31	29.19	101.46	33.85
##	240	44.35	77.06	326.42	55.62
##	241	22.90	43.79	143.46	55.23
##	242	28.12	79.13	260.52	65.15
	243	32.83	47.67	230.75	39.35
##	244	46.76	60.76	279.53	47.84
	245	52.48	89.08	217.63	103.13
	246	67.15	80.38	194.71	51.06
	247	3.37	10.94	45.10	8.75
	248	84.83	110.10	581.88	65.85
	249	49.94	77.77	232.31	50.88
	250	110.40	147.31	499.08	146.94
	251	34.50	71.48	164.44	49.38
	252	10.02	20.44	91.13	31.06
	253	5.80	33.69	78.73	18.14
	254	30.96	33.17	84.46	37.02
	255	0.29	25.10	77.63	29.25
	256	25.08	41.56	157.15	42.71
	257	30.42	28.42	136.58	46.79
	258	24.44	37.58	166.92	46.92
	259 260	38.90	53.21	165.90 137.67	51.50
	261	55.65 92.13	41.71		79.80
	262	21.58	83.71 30.87	243.04 83.60	88.90 42.50
	263	16.98	41.37	108.58	28.71
	264	30.71	39.23	88.81	29.37
	265	19.71	20.08	91.87	55.06
	266	12.23	43.54	123.94	29.12
	267	15.48	54.48	163.15	33.65
	268	51.71	81.90	288.19	62.94
	269	64.40	79.13	198.73	37.98
	270	15.56	32.46	128.50	29.54
	271	25.31	46.21	133.65	27.27
	272	28.62	36.23	127.88	38.56
	273	29.27	39.08	96.67	57.31
##	274	1.25	15.29	30.81	4.50
##	275	51.50	56.29	104.17	60.15
##	276	43.71	80.56	187.54	38.92
##	277	4.21	26.02	55.19	18.35
##	278	72.69	80.15	308.83	56.17
##	279	16.22	31.69	100.73	24.98
##	280	15.75	30.71	75.21	14.92
##	281	28.12	63.52	213.52	47.21
##	282	92.75	80.65	328.27	86.63
##	283	25.88	32.62	114.12	53.56
##	284	23.98	18.94	59.88	43.81
	285	55.48	59.54	133.02	71.21
##	286	77.12	41.29	189.69	60.58

	287	53.04	73.13	135.90	66.42
	288	57.04	38.21	172.17	60.79
	289	60.33	51.44	133.44	101.15
##	290	16.15	37.13	112.96	32.54
##	291	20.65	36.44	106.46	51.87
##	292	37.83	25.65	121.33	39.40
##	293	33.29	44.19	238.81	64.15
##	294	114.33	69.88	497.00	108.49
##	295	19.27	37.94	113.81	40.08
##	296	78.88	56.56	217.65	102.52
##	297	73.75	91.23	189.44	82.94
	298	77.17	69.46	152.56	89.79
##	299	116.04	112.29	327.90	166.06
##	300	61.13	65.42	256.79	60.67
##	301	0.00	20.92	50.35	19.98
##	302	20.92	43.48	107.12	30.06
##	303	28.37	47.12	138.85	43.56
##	304	40.12	27.65	88.33	49.37
##	305	85.21	111.42	289.12	75.48
##	306	59.44	74.73	284.19	79.50
##	307	54.56	58.10	191.63	72.23
##	308	69.06	61.83	116.08	51.81
##	309	45.90	32.23	100.15	52.33
##	310	41.60	46.50	165.44	53.98
##	311	41.90	39.71	135.60	42.19
##	312	79.21	89.92	145.94	111.88
	313	16.33	30.65	50.81	48.27
##	314	43.31	40.38	195.87	36.75
	315	7.21	16.42	72.79	28.87
	316	52.42	54.52	151.02	78.27
	317	80.58	73.98	159.52	102.17
##	318	78.62	75.10	211.65	77.52
##	319	87.10	79.02	174.79	67.94
##	320	25.21	49.21	130.75	101.71
##	321	27.35	24.58	79.04	42.40
##	322	20.37	33.38	144.48	41.96
##	323	6.73	36.73	34.64	43.36
	324	31.20	30.00	138.14	75.72
	325	49.12	39.62	133.52	37.29
##	326	80.75	65.19	278.04	122.35
	327	23.67	61.42	203.67	66.08
##	328	33.38	35.63	74.50	42.69
##	329	70.77	78.44	231.50	78.62
##	330	16.15	20.42	82.33	25.90
##	331	45.71	47.08	232.44	110.85
##	332	60.77	124.96	332.98	150.06
	333	27.69	58.71	168.33	133.69
##	334	82.53	72.82	301.53	98.78
##	335	102.21	53.90	272.21	64.96
##	336	29.40	44.83	157.04	48.21
	337	29.46	51.12	168.88	42.96
##	338	43.04	44.58	254.85	59.50
##	339	117.31	88.35	457.60	88.37
##	340	107.10	67.92	225.29	74.94

##	341	37.29	52.40	198.04	70.77
##	342	6.23	45.85	96.15	42.33
##	343	12.44	36.13	75.12	29.56
##	344	65.63	74.94	227.62	73.42
##	345	51.25	46.40	147.12	38.90
##	346	34.07	34.16	127.86	39.27
##	347	98.33	135.58	252.90	110.67
##	348	71.83	66.17	263.60	78.40
##	349	48.71	45.52	138.31	71.62
##	350	57.46	33.88	148.73	72.40
##	351	53.83	59.35	190.77	93.56
	352	32.65	34.81	84.29	51.81
	353	53.31	56.21	160.21	80.23
	354	58.21	35.92	275.13	80.13
	355	94.58	76.50		110.48
	356	59.06	53.60	149.85	68.44
	357	73.25	51.85	170.73	83.06
	358	50.37	49.13	203.56	77.08
	359	0.04	28.60	88.25	15.54
	360	31.06	51.38	126.12	41.00
	361	13.50	37.37	67.02	28.87
	362	12.71	36.40	69.90	45.87
	363	34.63	28.63	156.65	35.25
	364	18.77	45.88	63.88	39.75
	365	8.33	38.77	78.96	26.52
	366	18.90	60.52	150.17	53.25
	367	14.00	44.67	79.60	41.19
	368	18.83	50.56	158.21	57.40
	369	13.37	21.42	51.92	32.92
	370	15.48	31.15	70.77	36.08
	371	2.98	20.81	38.46	13.73
	372	4.87	14.38	37.88	19.15
	373	39.65	84.75	186.60	55.38
	374	22.63	46.75	89.79	72.12
	375	5.87	32.85	66.04	38.06
	376	15.50	37.04	79.71	23.79
	377	42.71	59.85	114.17	49.90
	378	1.94	17.52	35.08	19.19
	379 380	0.00 15.33	21.73 50.42	40.65	12.73 24.06
	381	3.79	22.15	72.13 47.60	19.75
	382	30.83	43.35	208.65	51.21
	383	3.73	26.48	52.46	19.58
	384	20.15	53.25	153.58	74.10
	385	0.00	14.62	23.15	8.69
	386	33.50	42.50	89.04	39.33
	387	10.10	16.65	38.83	21.77
	388	23.35	53.40	122.27	43.65
	389	17.54	63.73	165.48	56.19
	390	43.88	52.31	134.00	54.56
	391	16.90	42.44	153.50	46.77
	392	20.02	33.96	44.50	25.12
	393	28.35	51.46	190.65	23.75
	394	11.08	19.90	61.33	37.63

##	395	19.13	27.35	80.69	48.29
##	396	5.92	16.10	33.08	11.23
##	397	19.31	25.38	110.27	22.46
##	398	30.02	41.13	94.50	40.88
##	399	38.85	50.92	141.46	23.79
##	400	27.21	59.94	99.94	45.31
##	401	25.69	70.29	110.69	41.96
##	402	11.37	33.08	64.23	18.38
##	403	38.10	49.98	114.04	34.10
##	404	22.65	55.53	81.71	57.84
##	405	25.00	56.54	162.21	55.31
##	406	42.13	65.65	116.90	48.31
##	407	45.87	85.58	198.87	63.23
##	408	14.98	21.40	58.10	42.31
##	409	33.88	76.58	149.69	67.15
##	410	25.62	79.15	141.46	44.12
##	411	31.31	41.29	84.42	55.12
##	412	34.63	69.12	106.52	50.69
##	413	22.33	48.38	75.06	38.88
##	414	29.62	56.83	119.02	32.21
##	415	34.94	61.50	151.46	49.54
##	416	24.08	61.04	148.96	31.12
##	417	22.56	64.13	95.81	28.79
	418	41.29	66.83	100.00	60.54
##	419	47.65	82.60	170.54	75.04
	420	60.85	91.50	179.98	66.56
	421	52.25	94.31	154.87	62.21
##	422	18.31	42.94	136.02	34.73
##	423	34.46	48.96	109.58	25.33
##	424	48.02	61.44	111.46	61.58
##	425	46.88	70.33	194.31	36.15
##	426	46.98	72.52	258.13	69.19
	427	20.94	37.75	86.79	20.06
##	428		109.10	206.75	72.44
##	429	39.06	57.96	170.96	50.44
	430	48.71	55.98	182.21	62.75
##	431	0.00	23.90	45.23	22.85
##	432	26.17	35.83	72.00	22.22
##	433	41.23	58.46	234.87	59.12
	434	34.46	66.88	115.46	47.06
##	435	21.31	40.79	142.65	24.17
##	436	44.40	84.04	162.90	54.23
	437	46.10	64.12	126.77	33.44
	438	37.19	39.12	240.88	52.96
##	439	131.54	81.77	223.73	81.88
##	440	21.31	40.27	116.12	35.33
##	441	80.46	82.60	187.87	85.62
##	442		193.31		217.65
##	443	30.27	26.17	150.71	35.44
##	444	56.56	90.92	195.69	60.33
##	445	10.40	29.15	66.62	19.37
	446	5.02	32.85	52.15	35.44
	447	1.29	13.21	44.19	17.38
	448	29.96	66.08		108.73

	4.40	07.70	405.07	000 01	100 11
	449	87.73	105.87	206.31	120.44
	450	19.19	29.52	109.52	53.35
	451	0.63	8.48	25.52	24.13
	452	3.38	15.56	39.21	39.87
	453	51.62	57.56	276.88	118.46
	454	14.06	33.02	132.94	32.31
	455	1.98	13.06	41.69	30.58
	456	35.54	46.77	162.83	84.56
	457	17.54	37.60	142.71	64.79
	458	210.00	251.33	788.77	325.29
	459	36.58	51.81	109.60	46.52
	460	110.88	101.37	276.46	181.69
	461	71.25	105.79	270.25	138.81
	462	29.16	36.94	180.53	45.82
	463	82.62	152.08	674.71	301.75
	464	56.77	84.83	124.17	79.19
	465	77.96	103.98	153.46	149.83
	466	89.31	76.63	171.50	135.15
	467	129.23	122.90	230.73	115.71
	468	111.71	171.15	536.54	221.37
	469	5.65	13.83	52.42	10.77
	470	62.50	94.54	310.27	163.46
	471	74.04	91.87	214.90	101.44
	472	87.92	125.51	182.24	105.43
	473	40.67	60.52	184.33	71.38
	474	85.98	105.92	229.00	129.81
	475	17.15	47.58	147.79	74.15
	476	9.00	35.44	114.75	71.48
	477	33.02	72.00	183.62	67.44
	478	92.96	163.73	479.19	211.15
	479	26.42	41.38	82.33	42.44
	480	9.52	41.10	65.50	40.42
	481	57.00	99.67	276.90	121.46
	482	52.92	71.37	175.19	90.88
	483	72.15	55.04	169.67	78.60
	484	66.50	128.79	299.50	103.63
##	485	74.60	68.08	195.94	75.02
	486	158.77	285.88	815.17	364.63
	487	109.75	110.12	186.19	146.08
	488	52.65	76.88	266.25	122.25
	489	31.27	52.56	146.62	50.65
	490	53.25	91.27	273.42	94.96
	491	86.79	121.73	318.35	124.33
	492	29.94	80.02	296.15	106.21
	493	37.37	72.48	290.75	98.67
	494	42.58	65.87	193.04	60.00
	495	11.67	52.98	132.67	75.96
	496	187.94	238.44	953.06	338.52
##	497	45.54	71.46	173.00	60.60
	498	85.65	127.85	403.12	172.44
	499	44.00	78.29	196.63	89.65
	500	162.37	471.19	1054.44	390.38
	501	153.17	109.17	206.35	139.56
##	502	138.52	143.13	390.04	170.52

##	503	86.38	149.88	580.29	227.10
##	504	87.27	183.27	557.54	200.69
##	505	99.65	168.96	376.65	157.17
##	506	55.50	61.50	120.25	65.00
##	507	15.56	62.54	99.15	42.71
##	508	16.56	21.98	75.08	11.75
##	509	12.75	36.48	77.25	27.69
##	510	53.63	136.86	254.04	112.65
##	511	0.71	10.62	28.88	10.87
##	512	80.63	121.83	138.90	73.15
##	513	18.36	45.69	111.38	31.38
##	514	36.60	54.33	87.96	56.52
##	515	1.69	8.46	25.94	12.42
##	516	18.81	36.94	60.25	39.37
##	517	4.46	10.65	23.08	19.13
##	518	20.38	42.58	62.54	41.00
##	519	5.42	17.81	25.23	11.12
##	520	15.60	49.52	103.85	40.23
##	521	40.08	92.12	155.94	88.21
##	522	1.13	33.90	70.92	17.35
##	523	11.33	28.98	73.08	23.50
##	524	26.31	80.19	151.25	59.44
##	525	25.40	48.44	179.71	44.42
##	526	2.62	23.65	33.27	16.88
##	527	0.00	0.00	11.96	0.00
##	528	48.10	96.73	246.48	80.73
##	529	13.69	35.35	71.65	26.27
##	530	32.23	53.81	192.17	72.04
##	531	18.73	33.25	57.92	53.10
##	532	53.71	58.38	72.19	40.19
##	533	26.90	46.33	76.37	27.06
##	534	2.81	32.19	61.46	26.06
##	535	62.63	70.23	131.50	82.13
##	536	26.50	23.96	90.96	43.67
##	537	7.69	33.02	39.25	23.44
##	538	26.15	56.98	127.04	53.87
##	539	20.52	57.12	117.87	34.19
##	540	23.52	54.21	103.71	57.77
##	541	29.31	39.12	55.27	40.96
##	542	7.98	24.23	45.58	15.87
##	543	3.50	25.73	63.23	29.19
##	544	24.02	39.37	70.96	26.96
##	545	15.63	36.73	115.35	24.40
##	546	37.88	76.83	192.79	50.38
##	547	24.67	35.73	81.48	27.33
##	548	41.08	52.42	142.40	34.27
##	549	27.98	37.13	163.92	63.15
##	550	26.12	67.13	222.23	64.87
##	551	22.12	40.54	118.29	22.90
##	552	25.04	27.92	125.35	71.29
##	553	111.37	118.73	343.48	98.10
##	554	40.23	66.65	135.33	44.08
##	555	90.87	138.75	376.56	76.31
##	556	39.12	69.15	181.19	39.65

##	557	5.65	10.48	55.46	16.85
##	558	39.21	41.48	164.79	48.46
##	559	4.73	25.19	74.79	15.56
##	560	3.10	14.21	36.17	0.75
##	561	54.31	83.12	197.67	49.60
##	562	27.69	32.42	114.96	43.29
##	563	6.10	20.38	61.96	10.73
##	564	7.67	23.79	83.40	22.58
##	565	19.98	64.19	162.73	33.67
##	566	24.06	60.58	181.04	43.37
	567	19.48	39.33	129.00	20.06
	568	31.37	51.83	154.06	53.00
	569	40.19	73.88	191.96	37.48
	570	64.17	84.10	294.69	80.48
	571	8.29	28.62	73.06	19.10
	572	93.12	111.12	245.04	76.04
	573	28.17	60.21	161.08	49.58
	574	20.23	57.71	167.02	51.04
	575	23.73	61.12	231.52	38.77
	576	51.60	105.17	223.87	118.19
	577	77.33	96.50	191.13	91.90
	578	11.83	37.58	106.00	26.15
	579	3.10	28.94	44.77	11.27
	580	33.56	54.60	101.38	33.58
	581	5.69	26.21	43.69	27.31
	582	14.56	43.56	104.10	36.23
	583	4.38	25.12	55.02	17.88
	584	0.04	20.69	37.96	8.31
	585	34.02	58.08	92.29	70.08
	586	71.31	113.29	396.81	155.12
	587	83.62	118.19	303.38	122.63
	588	16.65	30.65	62.38	48.15
	589	52.87	100.29	246.29	126.10
	590 591	20.56	53.50	105.19	69.52 54.77
	591	23.17 7.58	65.37 24.92	144.17 50.83	31.54
	593	50.77	57.37	162.08	64.00
	594	9.29	27.15	94.79	54.29
	595	46.50	44.63	96.48	51.25
	596	27.04	33.67	85.94	48.63
	597	33.27	45.33	107.29	47.92
	598	30.60	40.98	107.33	63.75
	599	29.17	38.60	97.08	54.92
	600	30.48	80.85	159.35	70.83
	601	41.60	78.40	161.25	65.13
	602	20.21	47.31	87.19	41.77
	603	21.50	52.56	120.42	38.27
	604	25.77	45.37	149.73	23.75
	605	80.08	130.13	224.31	107.79
	606	13.81	31.90	82.35	23.23
	607	33.63	59.19	131.23	27.73
	608	36.29	54.37	119.73	48.25
	609	19.81	52.04	105.65	37.50
##	610	71.58	88.29	234.08	87.73

##	611	46.94	96.25	238.81	56.65
##	612	33.00	66.79	129.96	69.29
##	613	44.87	81.17	210.90	85.37
##	614	33.54	57.42	141.77	83.27
##	615	62.69	90.35	165.37	80.71
##	616	15.85	37.06	83.00	20.96
##	617	31.67	56.44	102.37	44.38
##	618	71.31	157.04	248.40	203.13
##	619	28.69	59.35	166.04	47.13
##	620	34.37	60.17	160.92	32.33
##	621	29.38	65.46	142.44	65.02
##	622	16.69	54.17	94.54	37.96
##	623	28.35	55.96	109.71	58.98
##	624	37.60	82.00	200.42	40.04
##	625	35.79	73.83	182.31	96.56
##	626	24.23	52.54	146.31	32.40
##	627	38.40	89.04	146.02	68.48
##	628	27.69	44.42	151.77	30.08
##	629	9.23	26.71	88.27	42.21
##	630	18.37	36.31	56.13	31.31
##	631	27.96	42.92	97.58	29.15
	632	35.98	71.46	94.77	47.35
	633	24.56	64.77	139.71	56.65
	634	24.00	61.75	196.17	46.37
	635	27.23	47.35	56.69	54.04
	636	8.58	25.63	55.02	31.06
	637	30.90	60.35	101.62	62.27
	638	26.83	66.08	138.58	70.19
	639	47.04	79.31	185.02	83.58
	640	16.21	43.42	107.27	35.27
	641	32.00	107.92	243.96	45.17
	642	41.69	53.02	107.77	47.56
	643	55.10	95.15	117.46	77.38
	644	28.98	55.48	102.92	39.02
	645	32.71	76.44	158.83	34.04
	646	10.87	29.37	68.81	24.98
	647	0.00	33.83	46.73	27.98
	648	13.08	30.79	105.29	13.42
	649	9.17	40.29	75.35	31.60
	650	2.52	18.77	28.06	14.87
	651	7.38	38.00	52.27	26.69
	652	35.58	72.87	186.85	112.98
	653	64.56	107.19	161.62	74.27
	654	23.50	53.87	126.25	63.08
	655	26.52	31.71	78.73	18.69
	656	5.94	13.19	64.35	12.54
	657	0.83	6.96	26.00	20.13
	658	57.44	77.19	151.69	81.54
	659	56.60	108.21	552.54	66.06
			314.37	912.13	295.10
	661	12.13	30.08	104.08	31.25
	662	24.79	14.67	152.23	57.02
	663	11.92	25.63	85.19	30.17
		152.00	156.37	491.77	82.42
##		102.00	100.01	791.11	02.42

	665	109.13	96.08	319.13	102.69
##	666	57.19	62.69	220.94	78.88
##	667	45.06	72.75	119.31	45.69
##	668	84.98	129.65	158.83	87.35
##	669	65.90	76.54	173.00	46.83
##	670	100.42	143.42	580.50	120.67
##	671	30.54	80.40	162.15	79.35
	672	51.10	74.20	147.31	63.63
##	673	79.13	116.25	368.40	78.65
	674	11.08	27.83	59.06	23.33
	675	45.21	50.17	160.35	51.92
	676	75.02	78.00	168.31	97.21
	677	62.00	85.08	175.38	87.96
	678	5.31	21.54	64.75	24.67
	679	41.71	52.96	163.87	42.46
	680	30.10	49.87	165.54	64.21
	681	62.31	107.46	328.94	205.40
	682	36.48	59.35	178.50	86.98
	683	48.56	44.38	216.17	113.58
	684	6.19	16.77	45.63	26.96
	685	15.77	56.60	107.46	77.33
	686	152.67	135.00	734.75	273.19
	687	64.54	78.38	196.38	89.90
	688	79.13	159.06	467.98	191.12
	689	25.83	22.33	107.67	53.67
	690	70.28	109.90	273.00	104.52
	691	60.25	88.15	253.77	107.92
	692	42.15	44.23	131.15	60.31
	693	6.71	15.02	39.85	21.52
	694	25.62	12.63	109.77	68.67
	695	14.17	19.77	98.15	29.33
	696	71.96	99.12	340.44	91.73
	697	5.67	16.25	46.13	23.54
	698	40.40	92.54	221.69	116.10
	699	27.81	54.63	111.04	79.10
	700	65.13	89.12	243.37	153.04
	701	82.10	99.46	473.40	116.19
	702	12.85	28.42	69.42	45.56
	703	40.90	57.31	207.75	69.75
	704	37.10	67.30	190.00	75.70
	705	360.19	336.73	1424.27	342.37
	706	58.04	50.96	430.27	93.00
	707	50.94	50.62	255.17	103.67
	708	71.63	101.19	284.17	115.85
	709	117.40	156.23	323.27	185.23
	710	37.62	43.37	267.02	81.40
	711	128.27	218.48	659.10	208.27
	712	16.13	32.06	126.10	71.63
	713	81.90	124.08	223.04	136.00
	714	139.58	133.73	309.17	174.52
	715	42.56	52.33	226.00	94.19
	716	20.53	28.27	107.22	47.82
	717	59.12	95.83	229.15	120.63
##	718	36.40	73.52	177.23	80.29

##	719	88.77	95.92	266.56	130.58
##	720	96.17	69.77	185.60	133.46
##	721	104.53	135.61	273.51	142.49
##	722	24.83	34.15	74.37	36.13
##	723	2.52	13.60	39.87	8.63
##	724	3.96	21.52	52.71	18.40
##	725	13.72	32.94	59.98	24.09
##	726	14.73	36.27	85.65	44.86
##	727	9.21	33.42	92.58	20.27
##	728	30.73	41.79	232.56	45.71
##	729	15.94	29.81	119.21	29.44
##	730	88.00	102.65	247.46	89.73
##	731	27.67	34.17	92.44	32.60
##	732	28.37	67.81	131.65	44.56
##	733	22.85	40.19	78.73	41.12
##	734	46.98	61.83	166.52	52.17
##	735	5.67	22.21	44.31	7.27
##	736	18.04	49.25	169.54	39.04
##	737	27.06	41.63	217.38	52.85
##	738	11.38	21.25	53.71	15.79
##	739	24.37	58.48	123.00	32.92
##	740	113.98	105.87	167.04	133.37
##	741	51.00	134.67	327.48	108.88
##	742	12.15	34.73	84.90	26.75
##	743	102.50	117.42	405.79	124.77
##	744	0.08	15.37	37.19	15.35
##	745	12.88	23.48	89.21	18.19
##	746	19.23	34.81	131.77	29.69
##	747	6.77	15.19	45.92	15.12
##	748	22.42	39.06	156.87	48.92
##	749	7.88	19.40	73.67	20.65
##	750	9.62	30.06	83.35	42.12
##	751	24.31	50.42	133.96	51.29
##	752	198.42	306.40	792.15	203.65
##	753	16.52	51.31	65.15	41.90
##	754	7.46	34.31	73.29	23.37
##	755	25.06	46.98	161.81	47.25
##	756	19.35	30.77	86.02	32.75
##	757	29.13	54.62	128.98	35.69
##	758	66.54	92.40	230.58	71.15
##	759	99.44	126.88	425.58	108.62
##	760	54.31	117.54	353.42	97.17
##	761	13.96	40.79	117.25	37.58
##	762	14.63	24.42	116.15	26.04
##	763	3.60	17.00	52.38	10.69
##	764	36.06	84.77	255.46	105.79
##	765	24.60	45.35	183.83	50.17
##	766	3.15	32.93	49.00	18.00
##	767	30.15	74.52	110.79	43.27
	768	14.58	22.52	73.54	32.15
	769	7.60	26.60	86.15	24.88
	770	27.44	38.67	93.10	59.35
##	771	38.83	47.79	195.31	37.75

```
#Using n_distinct function
n_distinct(df)
```

[1] 771

Brief summary of what I learned.

- 1. There are 771 observations and 20 variables. Out of the 20 variables, one variable named **revenue** is a character type, which means it needs to be converted to numerical type.
- 2. One variable named **size** has 15 null values, indicated by the NA's in the summary results. Hence, this column will need to be deleted in Task 4.

Converting revenue to numeric data type

```
df$revenue <- as.numeric(df$revenue)
## Warning: NAs introduced by coercion</pre>
```

Deleting rows with missing values

```
df_new <- na.omit(df)</pre>
```

Creating the df_low and df_high data frames

dflow contains data on all the stores with revenue less than the average revenue for the complete data set (dfnew)

df_high contains data on all the stores with revenue more than the average revenue for the complete data set (df_new)

```
df_high <- df_new %>% filter(revenue > mean(df_new$revenue))

df_low <- df_new %>% filter(revenue < mean(df_new$revenue))

# Finding the mean
mean(df_high$size)</pre>
```

```
## [1] 882.3274
mean(df_low$size)
```

[1] 680.1287

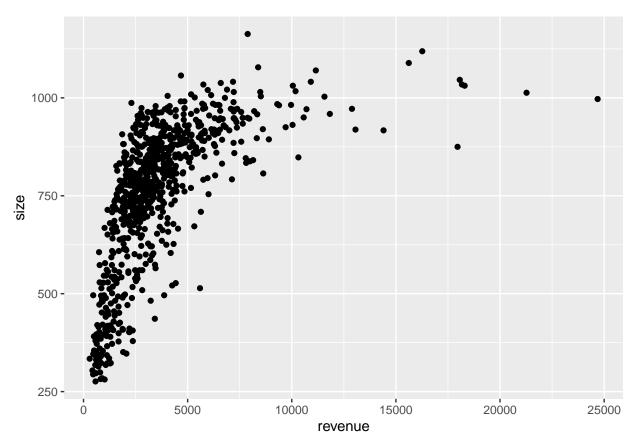
Relationship between **revenue** and **size** based on means: There is a direct relationship between revenue and size, where we can see that stores **above the average revenue** (in df_high dataframe) have a **larger average store size**. On the other hand, we can see that stores **below the average revenue** (in df_high dataframe) have a **smaller average store size**.

Correlation betweeen revenue and size

```
#Calculating the correlation
cor(df_new$revenue,df_new$size)

## [1] 0.6175055

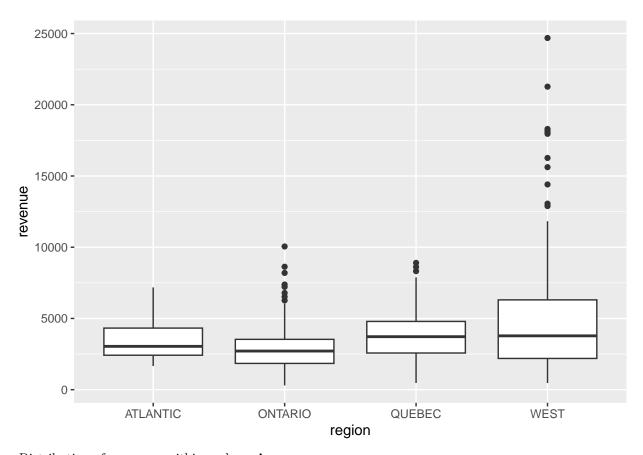
#Plotting the relationship
ggplot(df_new,aes(x=revenue,y=size)) + geom_point()
```



The output above shows that there is a positive relationship between revenue and size, where we see that there is a correlation coefficient of 0.61. In addition, we can see from the scatter plot that there is a positive relatioship between revenue and size because we see that a higher revenue would mean a higher store size.

Boxplots of revenue for each region

```
ggplot(df_new,aes(x=region,y=revenue)) + geom_boxplot()
```

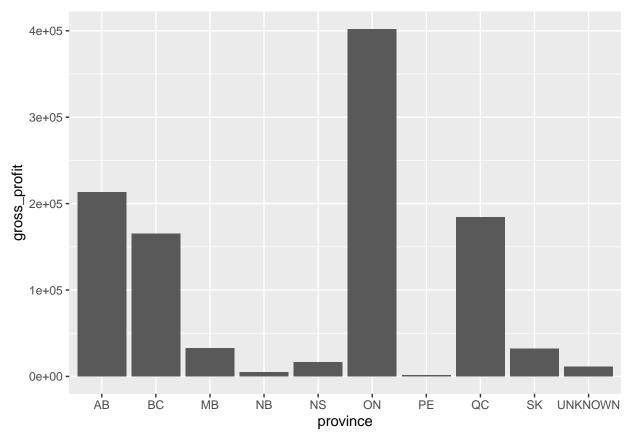


Distribution of **revenue** within each **region**:

We can see that there is no significant difference between the median revenues for all regions. However, we can see from the box and whisker plot that there is a significant difference as to the mean and the number of outliers, especially in the **West** region.

Bar chart of gross_profit for each province

```
ggplot(df_new,aes(x=province,y=gross_profit)) +
  geom_col()
```



Based from the height of the bar charts, we can see that province ON has the highest amount of gross profit followed by QC and AB. On the other hand, the province with the lowest gross_profit is PE.

Correlation matrix of average store sales for product categories

```
df_filtered <- df %>%
    select(energy_units, regularBars_units, gum_units, bagpegCandy_units, isotonics_units, singleServePot
    cor(df_filtered)
```

	energy_units reg	gularBars_units	gum_units
energy_units	1.0000000	0.8001809	0.7854903
regularBars_units	0.8001809	1.0000000	0.7511176
gum_units	0.7854903	0.7511176	1.0000000
bagpegCandy_units	0.7642578	0.9146364	0.6945064
isotonics_units	0.8868619	0.8937622	0.7278946
${\tt singleServePotato_units}$	0.7896795	0.9117232	0.6825213
takeHomePotato_units	0.7563259	0.8845787	0.6782859
kingBars_units	0.8012379	0.9038548	0.6425438
flatWater_units	0.7899965	0.8794202	0.7093246
psd591Ml_units	0.8180995	0.8435090	0.5951027
	bagpegCandy_unit	s isotonics_un	its
energy_units	0.764257	78 0.88686	319
regularBars_units	0.914636	0.89376	522
gum_units	0.694506	0.72789	946
bagpegCandy_units	1.000000	0.90650	014
isotonics_units	0.906501	1.00000	000
	energy_units regularBars_units gum_units bagpegCandy_units isotonics_units singleServePotato_units takeHomePotato_units kingBars_units flatWater_units psd591Ml_units energy_units regularBars_units gum_units bagpegCandy_units isotonics_units	energy_units 1.0000000 regularBars_units 0.8001809 gum_units 0.7854903 bagpegCandy_units 0.7642578 isotonics_units 0.8868619 singleServePotato_units 0.7896795 takeHomePotato_units 0.7563259 kingBars_units 0.8012379 flatWater_units 0.7899965 psd591Ml_units 0.8180995 bagpegCandy_units 0.764257 regularBars_units 0.914636 gum_units 0.694506 bagpegCandy_units 1.000006	regularBars_units 0.8001809 1.0000000 gum_units 0.7854903 0.7511176 bagpegCandy_units 0.7642578 0.9146364 isotonics_units 0.8868619 0.8937622 singleServePotato_units 0.7896795 0.9117232 takeHomePotato_units 0.7563259 0.8845787 kingBars_units 0.8012379 0.9038548 flatWater_units 0.7899965 0.8794202 psd591Ml_units 0.8180995 0.8435090 bagpegCandy_units isotonics_united energy_units 0.7642578 0.88686 regularBars_units 0.9146364 0.89376 gum_units 0.6945064 0.72788 bagpegCandy_units 1.0000000 0.90656

```
## singleServePotato units
                                   0.8745582
                                                    0.8833480
## takeHomePotato units
                                    0.9254152
                                                    0.8721385
## kingBars units
                                   0.8763983
                                                    0.9040698
## flatWater_units
                                   0.8663266
                                                    0.8914923
## psd591Ml units
                                    0.8314250
                                                    0.8788859
##
                           singleServePotato units takeHomePotato units
## energy units
                                          0.7896795
                                                               0.7563259
## regularBars units
                                                               0.8845787
                                          0.9117232
## gum units
                                          0.6825213
                                                               0.6782859
## bagpegCandy_units
                                          0.8745582
                                                               0.9254152
## isotonics_units
                                          0.8833480
                                                               0.8721385
## singleServePotato_units
                                          1.0000000
                                                               0.8699123
## takeHomePotato_units
                                          0.8699123
                                                               1.0000000
## kingBars_units
                                          0.8802975
                                                               0.8552103
## flatWater_units
                                          0.9198483
                                                               0.8308283
## psd591Ml_units
                                          0.8895093
                                                               0.8242920
##
                           kingBars_units flatWater_units psd591Ml_units
                                0.8012379
## energy units
                                                 0.7899965
                                                                0.8180995
## regularBars_units
                                0.9038548
                                                 0.8794202
                                                                0.8435090
## gum units
                                0.6425438
                                                 0.7093246
                                                                0.5951027
## bagpegCandy_units
                                0.8763983
                                                 0.8663266
                                                                0.8314250
## isotonics units
                                0.9040698
                                                 0.8914923
                                                                0.8788859
## singleServePotato_units
                                                                0.8895093
                                0.8802975
                                                 0.9198483
## takeHomePotato units
                                0.8552103
                                                 0.8308283
                                                                0.8242920
## kingBars units
                                1.0000000
                                                 0.8664042
                                                                0.8664407
## flatWater units
                                0.8664042
                                                 1.0000000
                                                                0.8416181
## psd591Ml_units
                                0.8664407
                                                 0.8416181
                                                                 1.0000000
```

1. Product categories that sell together the least.

 gum_units and $psd591Ml_units$ with a correlation of 0.5951027

2. Product categories that sell together the most.

bagpegCandy_units and takeHomePotato_units with a correlation of 0.9254152