## MASCHANG



| GRAPH A | GRAPH D | GRAPH G |
| :---: | :---: | :---: |
| Average Waiting Time for Registration on Different Days of the Week | Homework Grades | Per Capita GNP Western Africa |
| GRAPH B | GRAPH E | GRAPH H |
|  | Birthdays of Students by Month |  |
| GRAPH C | GRAPH F | GRAPH J |
|  |  |  |


| Dot or Line <br> Plot | Box and <br> Whisker Plot | Circle Graph |
| :---: | :---: | :---: |
| Stem-and- <br> Leaf Plot | Scatter Plot | Coordinate <br> Graph |
| Histogram | Bar Graph | Line <br> Graph |


| DEFINITION \#1 <br> Displays the relationship between two variables ( $\mathrm{x}, \mathrm{y}$ ) | DEFINITION \#4 <br> Data display in which bars are used to show measures or counts of various categories. | DEFINITION \#7 <br> One variable data display in which each data value is represented by a dot or "*" above that value on a horizontal number line. |
| :---: | :---: | :---: |
| DEFINITION \#2 <br> Coordinate graph that shows changes over time. | DEFINITION \#5 <br> Data displays possible relationships between two variables on a coordinate graph | DEFINITION \#8 <br> One variable data display used to show the distribution of a fairly small set of data. This display looks like a table. |
| DEFINITION \#3 <br> Shows categories as part of a whole, sometimes using percents. | DEFINITION \#6 <br> One variable data display that uses "bins" to show the distribution of values in a data set. Each "bin" corresponds to an interval of data values | DEFINITION \#9 <br> One variable data display that shows the 5 number summary of a data set. <br> (Min and Max Values, Median, Upper and Lower Quartiles) |


| Statistics Matching Cards | Statistics Matching Cards | Statistics Matching Cards |
| :---: | :---: | :---: |
| This bag contains: | This bag contains: | This bag contains: |
| 9 Pictures of Graphs (Yellow Cards) 9 Definitions (Green Cards) | 9 Pictures of Graphs (Yellow Cards) 9 Definitions (Green Cards) | 9 Pictures of Graphs (Yellow Cards) 9 Definitions (Green Cards) |
| 9 Types of Graphs/Terms (Orange Cards) | 9 Types of Graphs/Terms (Orange Cards) | 9 Types of Graphs/Terms (Orange Cards) |
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| 9 Types of Graphs/Terms (Orange Cards) | 9 Types of Graphs/Terms (Orange Cards) | 9 Types of Graphs/Terms (Orange Cards) |


| Line Graph | Line Plot | Stem \& Leaf Plot | Coordinate graph that shows changes over time. |
| :---: | :---: | :---: | :---: |
|  | Homework Grades $x$ $x$ $x$ $x$ | Stem Leaf   <br> 1 80   <br> 2 40 60 70 <br> 3    <br> 3 10 30 60 <br>  70 90  | One variable data display in which each data value is represented by a dot or "*" above that value on a horizontal number line. |
|  | $\begin{array}{lllll} x & x & x & x & \\ x & x & x & x \\ x & x & x & x & x \\ x & x & x & x & x \\ \hline A & B & C & D & F \end{array}$ | $\begin{array}{lll} 5 & \text { KEY: } & \text { KEY } \\ 6 & 10.80 & 4180 \\ 8 & 80 & \text { means } \end{array}$ | One variable data display used to show the distribution of a fairly small set of data. This display looks like a table. |
| Box \& Whisker | Bar Graph <br> namandamanker | Circle Graph | One variable data display that shows the 5 number summary of a data set. (Min and Max Values, Median, Upper and Lower Quartiles) |
|  |  |  | Data display in which bars are used to show measures or counts of various categories. |
|  |  |  | Shows categories as part of a whole, sometimes using percents. |
| Histogram | Coordinate Graph |  | One variable data display that uses "bins" to show the distribution of values in a data set. Each "bin" corresponds to an interval of data values |
|  |  |  | Displays the relationship between two variables $(x, y)$ |
|  |  |  | Data displays possible relationships between two variables on a coordinate graph |


| TYPE OF GRAPH | DEFINITION <br> (\#) | PICTURE OF GRAPH <br> (LETTER) |
| :---: | :---: | :---: |
| BAR GRAPH |  |  |
| BOX AND WHISKER PLOT |  |  |
| CIRCLE GRAPH |  |  |
| COORDINATE GRAPH |  |  |
| HISTOGRAM |  |  |
| LINE GRAPH |  |  |
| LINE PLOT |  |  |
| SCATTER PLOT |  |  |
| STEM AND LEAF PLOT |  |  |


| TYPE OF GRAPH <br> answers | DEFINITION <br> $(\#)$ | PICTURE OF GRAPH <br> (LETTER) |
| :---: | :---: | :---: |
| BAR GRAPH | 4 | E |
| BOX AND WHISKER PLOT | 9 | B |
| CIRCLE GRAPH | 3 | H |
| COORDINATE GRAPH | 1 | F |
| HISTOGRAM | 6 | C |
| LINE GRAPH | 2 | D |
| DOT/LINE PLOT | 7 | J |
| SCATTER PLOT | 5 | G |
| STEM AND LEAF PLOT | 8 |  |

