

MasterMath

Statistics

CHOOSING A DATA DISPLAY

Box & Whiskers

Stem and Leaf

Bar Graph or Histogram

Scatter Plot

Line Graph

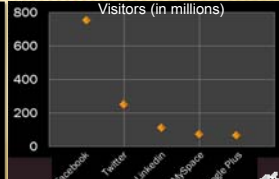
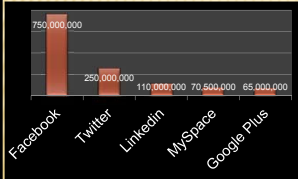
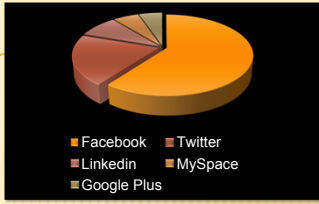
Pie Chart of Circle Graph

CHOOSING A DATA DISPLAY

Weight of 14 Year Olds	Frequency
<40	42
40-50	56
50-60	68
60-70	89
70-80	118
80-90	136
90-100	142
100-110	165
110-120	162
120-130	142
130-140	129
140-150	120
150-160	92
160-170	84
170-180	72
180-190	51
>190	28

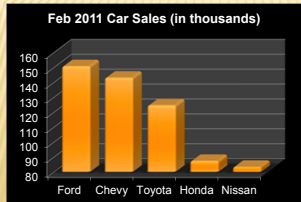
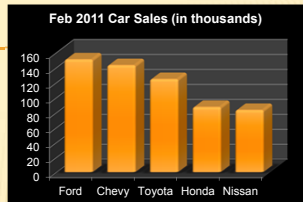
CHOOSING A DATA DISPLAY

Social Media Site	Unique Monthly Visitors (in millions)
Facebook	750
Twitter	250
LinkedIn	110
MySpace	71
Google Plus	65



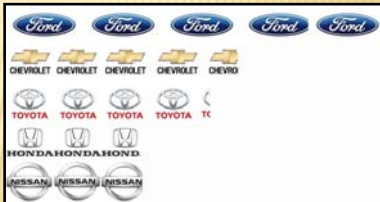
CHOOSING A DATA DISPLAY

Brand	Feb 2011 Car Sales (in thousands)
Ford	151
Chevy	143
Toyota	124
Honda	87
Nissan	83



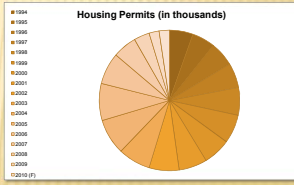
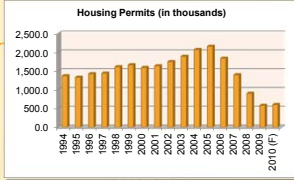
CHOOSING A DATA DISPLAY

Brand	Feb 2011 Car Sales (in thousands)
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CHOOSING A DATA DISPLAY

Year	Housing Permits (in thousands)
1994	1,371.6
1995	1,332.5
1996	1,425.6
1997	1,441.1
1998	1,612.3
1999	1,663.5
2000	1,592.3
2001	1,636.7
2002	1,747.7
2003	1,889.2
2004	2,070.1
2005	2,155.3
2006	1,838.9
2007	1,398.4
2008	905.4
2009	583.0
2010 (F)	604.6



CHOOSING A DATA DISPLAY

Season	Rainfall in inches
Winter	8.7
Spring	14.6
Summer	28.4
Winter	16.2

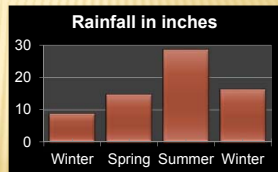
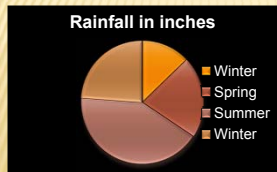
Decide what type of data display would best describe this rainfall data, then create a data display.

You Try

CHOOSING A DATA DISPLAY

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Spring	14.6
Summer	28.4
Winter	16.2

Decide what type of data display would best describe this rainfall data, then create a data display.



You Try

CHOOSING A DATA DISPLAY

Year of Education Completed	Starting Salary
10	\$18,250
11	\$19,367
12	\$32,006
13	\$33,260
14	\$34,110
15	\$35,400
16	\$38,210
17	\$41,122
18	\$52,210
19	\$63,450

Starting Salary

Years of Education Completed

IS THIS A MISLEADING DATA DISPLAY? WHY?

You Try It!

CHOOSING A DATA DISPLAY

Year of Education Completed	Starting Salary
10	\$18,250
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Starting Salary

Years of Education Completed

IS THIS A MISLEADING DATA DISPLAY? WHY?

Starting Salary

Years of Education Completed

You Try It!

CHOOSING A DATA DISPLAY

Now, try it on your own. Go to www.MasterMath.info download [Choosing a Data Display](#) from the Worksheets Page, and test your skill. Then see how much you understand by taking the Subject Quiz
