

# 01DataGraphs 1.99: Review #4

1. Express each as a decimal number, do not round.

a. 72%	b. $\frac{5}{8}$
c. 22.6%	d. $\frac{1}{4}$
e. 371%	f. $\frac{3}{16}$
g. 0.12%	h. $16\frac{1}{4}$
i. 2.106%	j. $2\frac{1}{8}$

2. Check these. Correct any errors

a. 28% = 0.28	b. 97.6% = 0.976
c. 321% = 3.21	d. 31% = 0.31
e. 2.84% = 0.0284	f. 98.7% = 9.87
g. 2% = 0.2	h. 3% = 0.3
i. 3.6% = 0.306	j. 25.61 = 0.2561

3. Determine the value of each of the following.

a. 56% of \$45.00	b. 21% of 18 people
c. 19% of \$61.00	d. 32% of 91 cars
e. 19% of 19 girls	f. 81% of 2 litres
g. 14% of 46 boys	h. 12.5% of \$8.00
i. 1% of 1 litre	j. 5% of 120 days

4. Express as a percent. Round to the nearest tenth.

a. 7 of 14 people	b. 12 of 50 nails
c. 14 of 75 apples	d. 64 of 87 trees
e. 91 of 1 241 cookies	f. 22 of 75 seats
g. 7 of 1000 people	h. 5 of 8 grade 9's
i. 10 of 50 chocolates	j. 9 of 12 seniors

5. Rainfall in Thunder Bay:

Rainfall in Thunder Bay			
Month	1996	1997	1998
April	70	85	75
May	30	50	40
June	40	40	30
July	10	25	15
August	15	30	25

- Enter the data into a Google spreadsheet.
  - Create a pie chart for 1996 rainfall.
  - Create a second chart that will compare the three years rainfall. What type of graph did you use? Why? Is there more than one type of graph you could use to show this comparison?
6. What type of graph would you use for each of the following types of data?
- the percents of your income (wages) and how the money will be allocated.
  - the number of hours of work you spend at your part time job each week for a summer.
  - average mark for each of your subjects at the end of the term
  - your overall math mark after each test during a semester