

Math vs. Salary

Occupation	Average Salary 1996	Number of Math Topics Needed
Architect	38000	40
Bank Teller	13000	10
Biologist	47800	51
Carpenter	35500	19
Computer Systems Analyst	40700	23
Dentist	10500	24
Electrician	34000	24
Engineer	44000	52
Insurance Agent	23600	21
Pharmacist	53500	17
Retail Sales Clerk	13000	8
Travel Agent	23600	16
Accountant	45000	20
Attorney	10500	24
Doctor	10500	34
Librarian	27400	20
Secretary	24200	6

1. Graph the data.
2. Draw the line of best fit and find its rate of change.
3. What does the rate of change mean in terms of the variables?
4. Describe the trends and outliers you see.