

POSSIBLE INTERVIEW QUESTIONS

1. What is your full name? What is the title of your position? Name of your company?
2. How, and what type of math do you use at your job?
3. What college did you attend?
4. What college math classes and, if any, post-graduate courses did you take?
5. What type of degree(s) do you have?
6. What was your major? Minor?
7. How long did it take you to finish your schooling?
8. What different career paths exist for someone with your level of knowledge?
9. When was the last time you used math in your work? What type of math? How did you use it?
10. What field of research or projects are you investigating at this time?
11. What is the most advanced type of math you studied in school?
12. What is the most advanced type of math you use at your job?
13. What math do you use on a daily basis?
14. How does your work benefit society as a whole?
15. Have you ever made an error in your calculations? What happened?
16. Do you enjoy your job?
17. If you didn't have the job you do, what job would you have? Would it involve math?
18. How often do you use math in your work?
19. Can you demonstrate the use of math, or a typical problem, in a normal project?
20. What do you do at your job in a normal day?
21. What company, if any, do you work for?
22. What did you imagine yourself becoming when you were in high school?
23. Could you do your job without math? Why or why not?
24. How long does the average project take to complete?
25. How long have you been working at this profession? At your current company?
26. What are your work hours? Do you get vacation?
27. Do you mainly use a computer, calculator, or pencil and paper for your calculations?
28. In the project you are currently working on, is there a lot of math involved? What kind(s)?
29. Are there certain projects in which you would use more math than usual? Why?
30. How does Geometry come into play in your work?
31. What formulas do you use most frequently?
32. When you were younger, did you ever think you would be using math at this stage in your life?
33. Is the math you use difficult?
34. What types of equipment do you use on an everyday basis?
40. Do you use graphing in your job? Can you give a typical example?
41. What was the worst grade you got in a math class?
43. How much money do you, or someone in your profession make? What types of benefit do you get?
44. What is your favorite part of the job? Least favorite part?
45. Do you ever travel for business? Where?
46. What has been your favorite project?
47. What inspired you to become a professional in this field?
48. Has math ever led to a conviction? (For a CSI detective or lawyer)
49. What kinds of laws or regulations are there in your profession?
50. Do you oversee people who use different math skills?
51. What was the skill that you hated most as a kid? Do you have to use it today?
52. What type of person makes a good [insert profession]?

53. How did you become involved in your line of work?
54. Why is it essential for students interested in a career in science to study math?
55. What other careers within your area use math?
56. What percentage of physics includes math in any way?
57. What sort of projects are you working on, do they have to do with math?
58. On the statistic chart physicists and researchers use every part of math possible, to what extent is this practically true?
59. What advice would you give to someone interested in going into your field?
60. What other qualifications, besides math, are needed for your profession?
61. What is the stress level for someone in your position?
62. Could you do your work without mathematics?
63. Why did you become an [insert profession]?
64. How much longer do you plan to be [insert profession]?
65. Have you ever been injured because of your job?
66. Do you have to take a qualifying math test? What type of questions does it involve?
67. Do you think having a weakness in math will affect a person's performance in your position? How so?
68. Are graphs a large part of you job?
69. Did you know what you wanted to be as a high school student?
70. Do you think that advanced math is a prerequisite to your job?
71. Are there any special colleges you should attend? Which ones?
72. What other careers might use similar math techniques?
73. Would you have been able to get this job without a strong background in mathematics?
74. What are some examples of projects you have done in the past involving math?
75. What is your work environment like?
76. Do you use Geometry in your everyday life, outside of work?
77. If you make an error, how do you resolve it?
78. Do you work alone or in groups?
79. Have you ever come up with your own methods or math formulas? If so, what was it?
80. What should I be doing now in high school to prepare myself for a career like yours?
81. Do you think geography affects the availability of jobs like yours?
82. If you had to pick another profession, what would it be? Why?
83. Did you dream of having this career in your childhood?
84. How do you resolve conflicts in your company?
85. What attitude must you have to be successful?
86. How do you deal with complaints?
87. Do you have to travel a lot in your work?
88. What types of people do you interact with on a daily basis?
89. How accurate do your calculations have to be?
90. How does someone in your profession get paid, by hours, monthly salary, yearly salary, or commission?