### Well Being 32

**m020** prescription drugs

First, have you taken any prescription drugs in the last 30 days?

1 Yes

2 No

[Questions m002 to m002\_other are displayed as a table]

m002 vitamins
Have you taken any multivitamins or vitamins in the last 30 days? Please choose all that apply.
1 Multivitamin
2 A
3 D
4 E
5 Calcium
6 Magnesium
7 Zinc
8 Folic Acid
9 B12
10 Other (specify)
11 None

### **m002\_other** vitamins other

Please write in what "other" vitamins you took. String

[Questions m011 to m011\_other2 are displayed as a table]

### m011 herbal

Have you taken any herbal supplements in the last 30 days? Please choose all that apply.

- 1 None
- 2 Aloe Vera
- 3 Bilberry
- 4 Black Cohosh
- 5 Chondroitin
- 6 Cranberry
- 7 Creatine
- 8 Dong Quai
- 9 Echinacea
- 10 Ephedra
- 11 Evening Primrose Oil
- 12 Feverfew
- 13 Garlic

14 Ginkgo Biloba 15 Ginger 16 Ginseng 17 Glucosamine 18 Goldenseal 19 Grape Seed 20 Green Tea 21 Hawthorne 22 Kava Kava 23 Lecithin 24 Ma Huang 25 Milk Thistle 26 Peppermint 27 Pycnogenol 28 Saw Palmetto 29 Soy 30 St. John's Wort 31 Tea Tree Oil 32 Valerian 33 Yohimbe 34 Other (specify) 35 Other (specify) 36 None

#### m011\_other herbal other

Please specify what "other" herbal supplements you took. String

#### m011\_other2 herbal other2

Please specify what "other" herbal supplements you took. String

#### Nintro Numeracy Intro

Now we're going to ask you a series of questions involving numbers. Please do not use a calculator or get help from anyone or anything else. It is important that you answer these questions by yourself.

#### **N01** 1000 DIE ROLLS

Imagine that we roll a fair, six-sided die 1,000 times. (That would mean that we roll one die from a pair of dice.) Out of 1,000 rolls, how many times do you think the die would come up as an even number? String

#### **N02** BIG BUCKS LOTTERY

In the Big Bucks Lottery, the chances of winning a \$10.00 prize are 1%. What is your best guess about how many people would win a \$10.00 prize if 1,000 people

each buy a single ticket from Big Bucks? Range: 0..1000

#### N03 ACME PUBLISHING

In the Acme Publishing Sweepstakes, the chance of winning a car is 1 in 1,000. What percent of tickets of Acme Publishing Sweepstakes, win a car? String

#### N04 DISEASE RISK STAT

Which of the following numbers represents the biggest risk of getting a disease?

1 1 in 100

2 1 in 1000

3 1 in 10

### N05 DISEASE RISK PERCENT

Which of the following numbers represents the biggest risk of getting a disease?

1 1%

2 10%

3 5%

[Questions N06 to N06\_years are displayed as a table]

### **N06** PERSON RISK percentage

If Person A's risk of getting a disease is 1% in ten years, and Person B's risk is double that of A's, what is B's risk? String

### N06\_years PERSON RISK years

If Person A's risk of getting a disease is 1% in ten years, and Person B's risk is double that of A's, what is B's risk? String

[Questions N07 to N07\_odds\_box are displayed as a table]

### **N07** DISEASE ODDS

If Person A's chance of getting a disease is 1 in 100 in ten years, and person B's risk is double that of A, what is B's risk? String

### N07\_odds\_box DISEASE ODDS

If Person A's chance of getting a disease is 1 in 100 in ten years, and person B's risk is double that of A, what is B's risk? String

[Questions N08 to N08\_answer2 are displayed as a table]

### N08 PERCENT DISEASE 100 and 1000

If the chance of getting a disease is 10%, how many people would be expected to get the disease:

String

### N08\_answer2 PERCENT DISEASE 100 and 1000

If the chance of getting a disease is 10%, how many people would be expected to get the disease:

String

### N09 PERCENT CHANCE 20 out of 100

If the chance of getting a disease is 20 out of 100, this would be the same as having what percent chance of getting the disease? String

### N10 VIRAL INFECTION CHANCE PEOPLE

The chance of getting a viral infection is .0005. Out of 10,000 people, about how many of them are expected to get infected? String

## N11 DISEASE RISK CHANCE 12 and 37

Which of the following numbers represents the biggest risk of getting a disease?

1 1 chance in 12
 2 1 chance in 37

[Questions N12 to N12\_tumorchance are displayed as a table]

## N12 TUMOR SET UP

Suppose you have a close friend who has a lump in her breast and must have a mammogram. Of 100 women like her, 10 of them actually have a malignant tumor and 90 of them do not. Of the 10 women who actually have a tumor, the mammogram indicates correctly that 9 of them have a tumor and indicates incorrectly that 1 of them does not have a tumor. Of the 90 women who do not have a tumor, the mammogram indicates correctly that 81 of them do not have a tumor and indicates incorrectly that 9 of them do have a tumor. The table below summarizes all of this information. Imagine that your friend tests positive (as if she had a tumor), what is the likelihood that she actually has a tumor?

## N12\_tumorchance TUMOR SET UP CHANCE

Suppose you have a close friend who has a lump in her breast and must have a mammogram. Of 100 women like her, 10 of them actually have a malignant tumor and 90 of them do not. Of the 10 women who actually have a tumor, the mammogram indicates correctly that 9 of them have a tumor and indicates incorrectly that 1

of them does not have a tumor. Of the 90 women who do not have a tumor, the mammogram indicates correctly that 81 of them do not have a tumor and indicates incorrectly that 9 of them do have a tumor. The table below summarizes all of this information. Imagine that your friend tests positive (as if she had a tumor), what is the likelihood that she actually has a tumor? Tested positive Tested negative Totals Actually has a tumor 9 1 10 Does not have a tumor 9 81 90 Totals 18 82 100 String

## N13 WEEK 7 PROBABILITY

Imagine that you are taking a class and your chances of being asked a question in class are 1% during the first week of class and double each week thereafter (i.e., you would have a 2% chance in Week 2, a 4% chance in Week 3, an 8% chance in Week 4). What is the probability that you will be asked a question in class during Week 7? String

### N14 LIKELY INFECTED

Suppose that 1 out of every 10,000 doctors in a certain region is infected with a dangerous virus; in the same region, 20 out of every 100 adults in a particular at-risk population also are infected with the virus. A test for the virus gives a positive result in 99% of those who are infected and in 1% of those who are not infected. A randomly selected doctor and a randomly selected person in the at-risk population in this region both test positive for the disease. Who is more likely to actually have the disease?

1 They both tested positive for the virus and therefore are equally likely to have the disease.

2 They both tested positive for the virus, and the doctor is more likely to have the disease. 3 They both tested positive for the virus and the person in the at-risk population is more likely to have the disease.

### N15 BAT AND BALL

A bat and a ball cost \$1.10 in total. The bat costs \$1.00 more than the ball. How much does the ball cost? String

### N16 WIDGET TIME

If it takes 5 machines 5 minutes to make 5 widgets, how long would it take 100 machines to make 100 widgets? String

### N17 LILYPAD DAYS

In a lake, there is a patch of lilypads. Every day, the patch doubles in size. If it takes 48 days for the patch to cover the entire lake, how long would it take for the patch to cover half of the lake? String

**N18** end This is the end of this section.

# CS\_001 HOW PLEASANT INTERVIEW

Could you tell us how interesting or uninteresting you found the questions in this interview? 1 Very interesting 2 Interesting 3 Neither interesting nor uninteresting 4 Uninteresting 5 Very uninteresting

CS\_003 comments

Do you have any other comments on the interview? Please type these in the box below.

Memo