

## MJ4MF – MATH MILLIONAIRE

The following five questions have all appeared on the TV show *Who Wants to be a Millionaire?*, but none of them were answered correctly by the contestant. How would you have done?

**What is the minimum number of six-packs one would need to buy in order to put “99 bottles of beer on the wall”?**

- A. 15
- B. 17
- C. 19
- D. 21

**Which of these square numbers also happens to be the sum of two smaller square numbers?**

- A. 16
- B. 25
- C. 36
- D. 49

**If a euro is worth \$1.50, five euros is worth what?**

- A. Thirty quarters
- B. Fifty dimes
- C. Seventy nickels
- D. Ninety pennies

**How much daylight is there on a day when the sunrise is at 7:14 a.m. and the sunset is at 5:11 p.m.?**

- A. 9 hours, 3 minutes
- B. 8 hours, 37 minutes
- C. 9 hours, 57 minutes
- D. 8 hours, 7 minutes

**In the year she turned 114, the world’s oldest living person, Misao Okawa of Japan, accomplished the rare feat of having lived for how long?**

- A. 50,000 days
- B. 10,000 weeks
- C. 2,000 months
- D. 1 million hours