



Problem of the Week

Problem A

When were you born?

Have you ever thought about whether you were born on an even-numbered or an odd-numbered day of the month? In my family, the four of us were born on odd-numbered days: February 19th, March 15th, September 7th, and December 3rd. Our daughter was born on September 4th, an even-numbered day.

Our best friend just had a baby born in 2021.

- (a) Is it more likely that the baby was born on an even-numbered day or an odd-numbered day? Justify your answer.
- (b) What is the probability that their baby was born on a day that is a multiple of 5?

