When is Valentine's Day?

Ms. Smith's class has class parties on Halloween (October 31st) and Valentine's Day (February 14th). If either of those dates falls on a Saturday or Sunday, the party will be held on the Friday before the holiday.

One year, there were exactly 4 Thursdays and 4 Sundays in October. On what day of the week did the Valentine's Day party fall later that school year?

Ms. Smith has been having class parties for all 27 years of her teaching career. In how many of those years would you expect the Valentine's Day party to have fallen on a Friday?

If the Halloween party is on a Friday, what is the probability that the Valentine's Day party is also on a Friday? Justify your answer.