

Day 2 Divisible Features

1. If the six-digit number $\overline{1992\square\square}$ is divisible by 105, what is the last two digits of it?
2. $\underbrace{20092009\cdots 200909}_{n \uparrow 2009}$ is divisible by 11, what is the minimum value of n ?
3. (RIPMWC2014-9) The number $95_94775998$ is divisible by 198. What is the missing digit?