**XX. Messy Written**

# **Program Name:** written**.java Input File:** written**.dat**

Written tests are hard to grade, and sometimes, something goes wrong. As we look around, Ral has received a 236 on the written test! The way written tests are scored is 6 points for every question correct, no points awarded for skipped questions, and -2 points for incorrect answers. There are always 40 questions on a written test. All of us trying to figure out if this is actually possible ask a programmer for some help.

Write a program to determine whether a given written score is possible

**Input**

The first line of input is n, the number of data sets to follow.

The next n lines will be an integer within the range -80 to 240.

**Output**

For each test case, print “Possible” if the written score is possible or “Impossible” if the written score is impossible.

**Example Input File**

5

118

101

236

-12

86

**Example Output to Screen**

Possible

Impossible

Impossible

Possible

Possible