

Worksheet: Number Play

NIOS · Class 8 · Mathematics · 5 questions · 13 marks

Name: _____

Date: _____

Score: _____ / 13

Q1. Is 13,572 divisible by 6? *[1 mark]*

Q2. What is the 10th Fibonacci number? *[1 mark]*

Q3. Using Vedic method, compute 85^2 . *[3 marks]*

Q4. Find the magic constant for a 5×5 magic square containing numbers 1 to 25. *[3 marks]*

Q5. (a) Find the sum $1 + 2 + 3 + \dots + 200$. (b) Find the sum of squares $1^2 + 2^2 + 3^2 + \dots + 20^2$. (c) Find the sum of cubes $1^3 + 2^3 + 3^3 + \dots + 10^3$. *[5 marks]*
