

**Worksheet: 'Patterns in Mathematics'**

Gujarat State Board · Class 6 · Mathematics · 4 questions · 4 marks

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_ / 4

**Q1.** Find the next three terms: 5, 10, 15, 20, \_\_, \_\_, \_\_ [1 mark]

---

---

**Q2.** Is 36 a triangular number? Explain. [1 mark]

---

---

**Q3.** Find  $1 + 3 + 5 + 7 + 9 + 11 + 13 + 15$  using the pattern. [1 mark]

---

---

**Q4.** What is the 7th square number? Draw its dot pattern. [1 mark]

---

---