| Figure 1 | Figure 2 | Figure 3 | Figure 4 | Figure 5 | Figure 6 | Figure 7 | Figure 8 | Figure 9 | Figure 10 |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| D | A | C | D | A | C | D | A | C | D |

| Figure 1 | Figure 2 | Figure 3 | Figure 4 | Figure 5 | Figure 6 | Figure 7 | Figure 8 | Figure 9 | Figure 10 |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| C | D | B | C | D | B | C | D | B | C |

| Figure 1 | Figure 2 | Figure 3 | Figure 4 | Figure 5 | Figure 6 | Figure 7 | Figure 8 | Figure 9 | Figure 10 |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| A | A | B | A | A | B | A | A | B | A |

| Figure 1 | Figure 2 | Figure 3 | Figure 4 | Figure 5 | Figure 6 | Figure 7 | Figure 8 | Figure 9 | Figure 10 |
|---|---|---|---|---|---|---|---|---|---|
| 3 | 9 | 27 | 81 | 243 | 729 | 2187 | 6561 | 19,683 | 59,049 |

| Figure 1 | Figure 2 | Figure 3 | Figure 4 | Figure 5 | Figure 6 | Figure 7 | Figure 8 | Figure 9 | Figure 10 |
|---|---|---|---|---|---|---|---|---|---|
| 3 | 5 | 8 | 10 | 13 | 15 | 18 | 20 | 23 | 25 |

| Figure 1 | Figure 2 | Figure 3 | Figure 4 | Figure 5 | Figure 6 | Figure 7 | Figure 8 | Figure 9 | Figure 10 |
|---|---|---|---|---|---|---|---|---|---|
| 5 | 14 | 23 | 32 | 41 | 50 | 59 | 68 | 77 | 86 |

| Figure 1 | Figure 2 | Figure 3 | Figure 4 | Figure 5 | Figure 6 | Figure 7 | Figure 8 | Figure 9 | Figure 10 |
|---|---|---|---|---|---|---|---|---|---|
| 4 | 8 | 12 | 16 | 20 | 24 | 28 | 32 | 36 | 40 |

| Figure 1 | Figure 2 | Figure 3 | Figure 4 | Figure 5 | Figure 6 | Figure 7 | Figure 8 | Figure 9 | Figure 10 |
|---|---|---|---|---|---|---|---|---|---|
| 3 | 7 | 11 | 15 | 19 | 23 | 27 | 31 | 35 | 39 |

| Figure 1 | Figure 2 | Figure 3 | Figure 4 | Figure 5 | Figure 6 | Figure 7 | Figure 8 | Figure 9 | Figure 10 |
|---|---|---|---|---|---|---|---|---|---|
| 2 | 7 | 12 | 17 | 22 | 27 | 32 | 37 | 42 | 47 |

| Figure 1 | Figure 2 | Figure 3 | Figure 4 | Figure 5 | Figure 6 | Figure 7 | Figure 8 | Figure 9 | Figure 10 |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 |

| Figure 1 | Figure 2 | Figure 3 | Figure 4 | Figure 5 | Figure 6 | Figure 7 | Figure 8 | Figure 9 | Figure 10 |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |

| Figure 1 | Figure 2 | Figure 3 | Figure 4 | Figure 5 | Figure 6 | Figure 7 | Figure 8 | Figure 9 | Figure 10 |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| 3 | 6 | 9 | 12 | 15 | 18 | 21 | 24 | 27 | 30 |

| Figure 1 | Figure 2 | Figure 3 | Figure 4 | Figure 5 | Figure 6 | Figure 7 | Figure 8 | Figure 9 | Figure 10 |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| 1 | 2 | 4 | 8 | 16 | 32 | 64 | 128 | 256 | 512 |

| Figure 1 | Figure 2 | Figure 3 | Figure 4 | Figure 5 | Figure 6 | Figure 7 | Figure 8 | Figure 9 | Figure 10 |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| 4 | 7 | 10 | 13 | 16 | 19 | 22 | 25 | 28 | 31 |

| Figure 1 | Figure 2 | Figure 3 | Figure 4 | Figure 5 | Figure 6 | Figure 7 | Figure 8 | Figure 9 | Figure 10 |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| 1 | 3 | 6 | 8 | 11 | 13 | 16 | 18 | 21 | 23 |

| Figure 1 | Figure 2 | Figure 3 | Figure 4 | Figure 5 | Figure 6 | Figure 7 | Figure 8 | Figure 9 | Figure 10 |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| 4 | 11 | 18 | 25 | 32 | 39 | 46 | 53 | 60 | 67 |

| Figure 1 | Figure 2 | Figure 3 | Figure 4 | Figure 5 | Figure 6 | Figure 7 | Figure 8 | Figure 9 | Figure 10 |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| 1 | 3 | 6 | 10 | 15 | 21 | 28 | 36 | 45 | 55 |

| Figure 1 | Figure 2 | Figure 3 | Figure 4 | Figure 5 | Figure 6 | Figure 7 | Figure 8 | Figure 9 | Figure 10 |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| circle | triangle | circle | triangle | circle | triangle | circle | triangle | circle | triangle |

| Figure 1 | Figure 2 | Figure 3 | Figure 4 | Figure 5 | Figure 6 | Figure 7 | Figure 8 | Figure 9 | Figure 10 |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| ■ | ■ | ● | ■ | ■ | ● | ■ | ■ | ● | ■ |

| Figure 1 | Figure 2 | Figure 3 | Figure 4 | Figure 5 | Figure 6 | Figure 7 | Figure 8 | Figure 9 | Figure 10 |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| ■ | ■ | ▲ | ■ | ■ | ▲ | ■ | ■ | ▲ | ■ |

| Figure 1 | Figure 2 | Figure 3 | Figure 4 | Figure 5 | Figure 6 | Figure 7 | Figure 8 | Figure 9 | Figure 10 |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| ▲ | ▲ | ● | ■ | ▲ | ▲ | ● | ■ | ▲ | ▲ |

| Figure 1 | Figure 2 | Figure 3 | Figure 4 | Figure 5 | Figure 6 | Figure 7 | Figure 8 | Figure 9 | Figure 10 |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
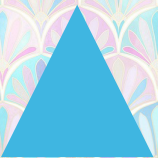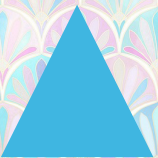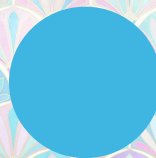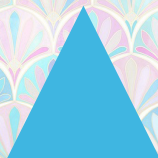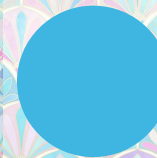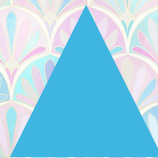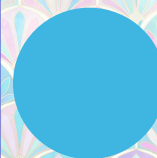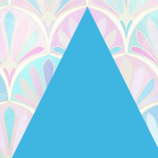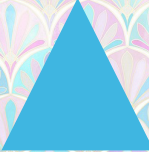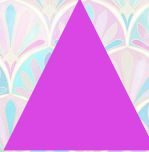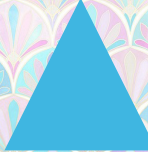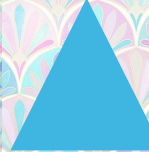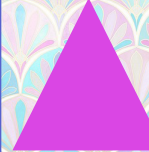
# Pattern Predictor Paper

| Figure 1 | Figure 2 | Figure 3 | Figure 4 | Figure 5 | Figure 6 | Figure 7 | Figure 8 | Figure 9 | Figure 10 |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|

**Briefly describe the pattern:** _____

_____

_____

_____

_____

# PATTERN PREDICTOR

What was being repeated in the shape patterns? What was being repeated in the number patterns?

What was being repeated in the shape patterns? What was being repeated in the number patterns?