

Grade 3 Patterns & Sequencing Pack

Printable Worksheet Pack • Grade 3

Skills included

- Number patterns
- Shape patterns
 - Sequencing
- Finding pattern rules

Name: _____ Date: _____

Number Patterns

Study the information carefully and answer the questions.

1. Continue: 2, 4, 6, 8, __, __

2. Continue: 5, 10, 15, 20, __, __

3. Continue: 30, 27, 24, 21, __, __

4. Find the rule: 3, 6, 9, 12, 15.

5. Find the rule: 50, 45, 40, 35.

6. Fill in: 100, 90, __, 70, __.

7. Fill in: 7, 14, __, 28, __.

8. Which does not belong: 10, 20, 30, 45, 50?

Shape Patterns

Study the information carefully and answer the questions.

1. Continue: circle, square, circle, square, __, __

2. Continue: triangle, triangle, circle, triangle, triangle, circle, __.

3. Complete: star, circle, star, circle, __, __

4. Complete: red, blue, blue, red, blue, blue, __.

5. How many shapes are in: triangle, square, triangle, square?

6. Create a repeating pattern using 3 shapes.

7. What comes next: small, large, small, large, _____.

8. Describe the rule: A, B, B, A, B, B.

Sequencing & Rules

Study the information carefully and answer the questions.

1. Smallest to largest: 45, 12, 31, 8.

2. Greatest to least: 16, 42, 27, 35.

3. Start at 4 and add 5. Give the next 4 numbers.

4. Start at 50 and subtract 10. Give the next 4 numbers.

5. Missing number: 6, 12, 18, __, 30.

6. Missing number: 81, 72, __, 54.

7. Multiply by 2, start at 3. Give 4 terms.

8. Add 7, start at 2. Give 5 terms.

Answer Key

Answers for all practice pages

- | | |
|-------------------|----------------------|
| 1. 10, 12 | 2. 25, 30 |
| 3. 18, 15 | 4. +3 |
| 5. -5 | 6. 80, 60 |
| 7. 21, 35 | 8. 45 |
| 9. circle, square | 10. triangle |
| 11. star, circle | 12. red |
| 13. 2 | 14. answers vary |
| 15. large | 16. A, B, B repeats |
| 17. 8, 12, 31, 45 | 18. 42, 35, 27, 16 |
| 19. 9, 14, 19, 24 | 20. 40, 30, 20, 10 |
| 21. 24 | 22. 63 |
| 23. 3, 6, 12, 24 | 24. 2, 9, 16, 23, 30 |