



Pattern Weavers: Extending Patterns



Weave the next part of the pattern to complete the design!

Part 1: Shape Patterns

1. ○ △ ○ △ ○ _ _ _

2.      _ _ _

3. ↑ → ↓ ← ↑ → _ _ _

4.      _ _ _

5.      _ _ _

Part 2: Number Patterns

6. 1, 3, 5, 7, ____, ____

7. 20, 18, 16, 14, ____, ____

8. A, B, C, A, B, C, _____, _____

9. 1, 1, 2, 2, 3, 3, _____, _____

10. 9, 12, 15, 18, _____, _____

Part 3: Growing Patterns

11. X

XX

XXX

_____ (Draw the next line)

12. ○

○ ○ ○

○ ○ ○ ○ ○

_____ (Draw the next line)

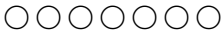
13. 10, 100, 1000, _____

14. Z, Y, X, W, _____, _____

15. What is the 10th shape in this pattern? ○ △ □ ○ △

□ ... _____

Answer Key

1. $\triangle$ | 2.  | 3. $\downarrow$ | 4.  | 5.  | 6. 9, 11 | 7. 12, 10 | 8. A, B | 9. 4, 4 | 10. 21, 24 | 11. XXXX | 12.  | 13. 10000 | 14. V, U | 15.  (The pattern repeats every 3 shapes. 10 divided by 3 has a remainder of 1, so it's the first shape.)