

Patterns 2

Exercises

September 10, 2016

Exercises

For each of the patterns of numbers find the next item.

1. 1, 6, 11, 16, ...
2. 1, 4, 9, 16, ...
3. 1, 2, 3, 5, 7, 10, 13, 17, 21, 26, ...
4. 1, -2, 3, -4, 5, -6, ...
5. 2, -1, 4, -3, 6, -5, ...
6. 1, 3, 6, 10, ...
7. 1, 5, 14, 30, 55, ...
8. 3, 6, 12, 24, 48, ...
9. 1, 2, 4, 8, 16, 32, ...
10. 64, 32, 16, 8, ...
11. -1, 2, -4, 8, -16, 32, ...
12. 1, 2, 6, 24, 120, ...
13. 12, 21, 30, 39, ...
14. 10, 11, 9, 12, 8, 13, 7, 14, 6, 15, ...

Answers to Patterns 2 Exercises

1. 21
2. 25
3. 31
4. 7
5. 8
6. 15
7. 91
8. 96
9. 64
10. 4
11. -64
12. 720
13. 48
14. 5