

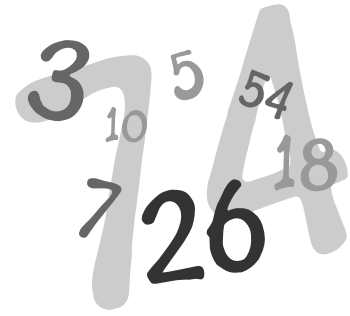
Name: _____ Date: _____

Teacher: _____ Class: _____

Number Patterns Challenge

What is a history teacher's favourite fruit? Dates!

Continue each pattern with the next two numbers.



1. 3, 6, 8, 16, 18, 36, 38, __ , __
2. 9, 16, 22, 27, 31, 34, 36, __ , __
3. 0, 9, 18, 27, 36, 45, 54, __ , __
4. 45, 43, 41, 39, 37, 35, 33, __ , __
5. 60, 66, 65, 71, 70, 76, 75, __ , __
6. 2, 5, 8, 11, 14, 17, 20, __ , __
7. 29, 35, 43, 53, 65, 79, 95, __ , __
8. 98, 96, 92, 86, 78, 68, 56, __ , __
9. 98, 95, 90, 83, 74, 63, 50, __ , __
10. 2, 8, 16, 26, 38, 52, 68, __ , __

Answer Key

Date:

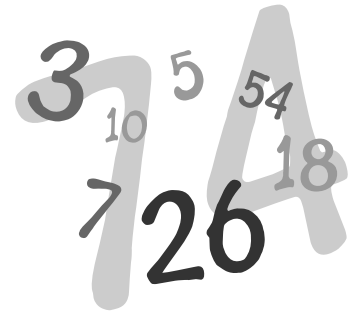
Teacher:

Class:

Number Patterns Challenge

What is a history teacher's favourite fruit? Dates!

Continue each pattern with the next two numbers.



1. 3, 6, 8, 16, 18, 36, 38, 76, 78
($\times 2 + 2 \times 2 + 2 \times 2 + 2\dots$)
2. 9, 16, 22, 27, 31, 34, 36, 37, 37
($+ 7 + 6 + 5 + 4\dots$)
3. 0, 9, 18, 27, 36, 45, 54, 63, 72
($+ 9$)
4. 45, 43, 41, 39, 37, 35, 33, 31, 29
($- 2$)
5. 60, 66, 65, 71, 70, 76, 75, 81, 80
($+ 6 - 1 + 6 - 1 + 6 - 1\dots$)
6. 2, 5, 8, 11, 14, 17, 20, 23, 26
($+ 3$)
7. 29, 35, 43, 53, 65, 79, 95, 113, 133
($+ 6 + 8 + 10 + 12 + 14\dots$)
8. 98, 96, 92, 86, 78, 68, 56, 42, 26
($- 2 - 4 - 6 - 8 - 10\dots$)
9. 98, 95, 90, 83, 74, 63, 50, 35, 18
($- 3 - 5 - 7 - 9 - 11\dots$)
10. 2, 8, 16, 26, 38, 52, 68, 86, 106
($+ 6 + 8 + 10 + 12 + 14\dots$)