



Name: _____

Date: _____

Number Patterns 508

If a house mouse sleeps in a house and a field mouse sleeps in a field do dormice sleep in dorms?

Difficult

- ① 3, 6, 8, 16, 18, 36, 38, __ , __
- ② 1, 4, 8, 13, 19, 26, 34, __ , __
- ③ 6, 12, 9, 18, 15, 30, 27, __ , __
- ④ 98, 96, 92, 86, 78, 68, 56, __ , __
- ⑤ 20, 26, 22, 28, 24, 30, 26, __ , __
- ⑥ 88, 82, 88, 81, 87, 79, 85, __ , __
- ⑦ 84, 80, 77, 72, 69, 63, 60, __ , __
- ⑧ 46, 48, 47, 49, 48, 50, 49, __ , __
- ⑨ 17, 23, 27, 34, 38, 46, 50, __ , __
- ⑩ 3, 6, 7, 14, 15, 30, 31, __ , __
- ⑪ 27, 30, 28, 31, 29, 32, 30, __ , __
- ⑫ 26, 31, 38, 47, 58, 71, 86, __ , __
- ⑬ 97, 95, 91, 85, 77, 67, 55, __ , __
- ⑭ 3, 6, 5, 10, 9, 18, 17, __ , __
- ⑮ 93, 92, 89, 84, 77, 68, 57, __ , __
- ⑯ 17, 24, 19, 27, 22, 31, 26, __ , __
- ⑰ 76, 74, 72, 69, 67, 63, 61, __ , __
- ⑱ 59, 61, 63, 66, 68, 72, 74, __ , __
- ⑲ 24, 26, 25, 27, 26, 28, 27, __ , __
- ⑳ 7, 8, 11, 16, 23, 32, 43, __ , __



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Number Patterns 508

If a house mouse sleeps in a house and a field mouse sleeps in a field do dormice sleep in dorms?

Difficult

- ① 3, 6, 8, 16, 18, 36, 38, **76, 78** ($\times 2 + 2 \times 2 + 2 \times 2 + 2\dots$)
- ② 1, 4, 8, 13, 19, 26, 34, **43, 53** ($+ 3 + 4 + 5 + 6\dots$)
- ③ 6, 12, 9, 18, 15, 30, 27, **54, 51** ($\times 2 - 3 \times 2 - 3 \times 2 - 3\dots$)
- ④ 98, 96, 92, 86, 78, 68, 56, **42, 26** ($- 2 - 4 - 6 - 8 - 10\dots$)
- ⑤ 20, 26, 22, 28, 24, 30, 26, **32, 28** ($+ 6 - 4 + 6 - 4 + 6 - 4\dots$)
- ⑥ 88, 82, 88, 81, 87, 79, 85, **76, 82** ($- 6 + 6 - 7 + 6 - 8 + 6\dots$)
- ⑦ 84, 80, 77, 72, 69, 63, 60, **53, 50** ($- 4 - 3 - 5 - 3 - 6 - 3\dots$)
- ⑧ 46, 48, 47, 49, 48, 50, 49, **51, 50** ($+ 2 - 1 + 2 - 1 + 2 - 1\dots$)
- ⑨ 17, 23, 27, 34, 38, 46, 50, **59, 63** ($+ 6 + 4 + 7 + 4 + 8 + 4\dots$)
- ⑩ 3, 6, 7, 14, 15, 30, 31, **62, 63** ($\times 2 + 1 \times 2 + 1 \times 2 + 1\dots$)
- ⑪ 27, 30, 28, 31, 29, 32, 30, **33, 31** ($+ 3 - 2 + 3 - 2 + 3 - 2\dots$)
- ⑫ 26, 31, 38, 47, 58, 71, 86, **103, 122** ($+ 5 + 7 + 9 + 11 + 13\dots$)
- ⑬ 97, 95, 91, 85, 77, 67, 55, **41, 25** ($- 2 - 4 - 6 - 8 - 10\dots$)
- ⑭ 3, 6, 5, 10, 9, 18, 17, **34, 33** ($\times 2 - 1 \times 2 - 1 \times 2 - 1\dots$)
- ⑮ 93, 92, 89, 84, 77, 68, 57, **44, 29** ($- 1 - 3 - 5 - 7 - 9\dots$)
- ⑯ 17, 24, 19, 27, 22, 31, 26, **36, 31** ($+ 7 - 5 + 8 - 5 + 9 - 5\dots$)
- ⑰ 76, 74, 72, 69, 67, 63, 61, **56, 54** ($- 2 - 2 - 3 - 2 - 4 - 2\dots$)
- ⑱ 59, 61, 63, 66, 68, 72, 74, **79, 81** ($+ 2 + 2 + 3 + 2 + 4 + 2\dots$)
- ⑲ 24, 26, 25, 27, 26, 28, 27, **29, 28** ($+ 2 - 1 + 2 - 1 + 2 - 1\dots$)
- ⑳ 7, 8, 11, 16, 23, 32, 43, **56, 71** ($+ 1 + 3 + 5 + 7 + 9\dots$)