



Name: \_\_\_\_\_

Date: \_\_\_\_\_

## Number Patterns 510

*What do you call a ghost's mistake? A boo-boo.*

Difficult

- ① 99, 97, 93, 87, 79, 69, 57,    \_\_\_ , \_\_\_
- ② 48, 54, 50, 56, 52, 58, 54,    \_\_\_ , \_\_\_
- ③ 89, 84, 83, 77, 76, 69, 68,    \_\_\_ , \_\_\_
- ④ 1, 2, 4, 8, 10, 20, 22,    \_\_\_ , \_\_\_
- ⑤ 67, 63, 67, 62, 66, 60, 64,    \_\_\_ , \_\_\_
- ⑥ 22, 27, 23, 29, 25, 32, 28,    \_\_\_ , \_\_\_
- ⑦ 41, 45, 44, 48, 47, 51, 50,    \_\_\_ , \_\_\_
- ⑧ 32, 36, 41, 47, 54, 62, 71,    \_\_\_ , \_\_\_
- ⑨ 44, 47, 50, 54, 57, 62, 65,    \_\_\_ , \_\_\_
- ⑩ 17, 19, 18, 20, 19, 21, 20,    \_\_\_ , \_\_\_
- ⑪ 16, 20, 18, 22, 20, 24, 22,    \_\_\_ , \_\_\_
- ⑫ 12, 17, 24, 33, 44, 57, 72,    \_\_\_ , \_\_\_
- ⑬ 50, 45, 47, 41, 43, 36, 38,    \_\_\_ , \_\_\_
- ⑭ 18, 22, 27, 33, 40, 48, 57,    \_\_\_ , \_\_\_
- ⑮ 3, 6, 9, 18, 21, 42, 45,    \_\_\_ , \_\_\_
- ⑯ 41, 45, 43, 48, 46, 52, 50,    \_\_\_ , \_\_\_
- ⑰ 4, 8, 5, 10, 7, 14, 11,    \_\_\_ , \_\_\_
- ⑱ 54, 58, 62, 67, 71, 77, 81,    \_\_\_ , \_\_\_
- ⑲ 58, 55, 57, 53, 55, 50, 52,    \_\_\_ , \_\_\_
- ⑳ 50, 47, 48, 44, 45, 40, 41,    \_\_\_ , \_\_\_



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## Number Patterns 510

*What do you call a ghost's mistake? A boo-boo.*

Difficult

- ① 99, 97, 93, 87, 79, 69, 57, **43, 27** (- 2 - 4 - 6 - 8 - 10...)
- ② 48, 54, 50, 56, 52, 58, 54, **60, 56** (+ 6 - 4 + 6 - 4 + 6 - 4...)
- ③ 89, 84, 83, 77, 76, 69, 68, **60, 59** (- 5 - 1 - 6 - 1 - 7 - 1...)
- ④ 1, 2, 4, 8, 10, 20, 22, **44, 46** ( $\times 2 + 2 \times 2 + 2 \times 2 + 2...$ )
- ⑤ 67, 63, 67, 62, 66, 60, 64, **57, 61** (- 4 + 4 - 5 + 4 - 6 + 4...)
- ⑥ 22, 27, 23, 29, 25, 32, 28, **36, 32** (+ 5 - 4 + 6 - 4 + 7 - 4...)
- ⑦ 41, 45, 44, 48, 47, 51, 50, **54, 53** (+ 4 - 1 + 4 - 1 + 4 - 1...)
- ⑧ 32, 36, 41, 47, 54, 62, 71, **81, 92** (+ 4 + 5 + 6 + 7...)
- ⑨ 44, 47, 50, 54, 57, 62, 65, **71, 74** (+ 3 + 3 + 4 + 3 + 5 + 3...)
- ⑩ 17, 19, 18, 20, 19, 21, 20, **22, 21** (+ 2 - 1 + 2 - 1 + 2 - 1...)
- ⑪ 16, 20, 18, 22, 20, 24, 22, **26, 24** (+ 4 - 2 + 4 - 2 + 4 - 2...)
- ⑫ 12, 17, 24, 33, 44, 57, 72, **89, 108** (+ 5 + 7 + 9 + 11 + 13...)
- ⑬ 50, 45, 47, 41, 43, 36, 38, **30, 32** (- 5 + 2 - 6 + 2 - 7 + 2...)
- ⑭ 18, 22, 27, 33, 40, 48, 57, **67, 78** (+ 4 + 5 + 6 + 7...)
- ⑮ 3, 6, 9, 18, 21, 42, 45, **90, 93** ( $\times 2 + 3 \times 2 + 3 \times 2 + 3...$ )
- ⑯ 41, 45, 43, 48, 46, 52, 50, **57, 55** (+ 4 - 2 + 5 - 2 + 6 - 2...)
- ⑰ 4, 8, 5, 10, 7, 14, 11, **22, 19** ( $\times 2 - 3 \times 2 - 3 \times 2 - 3...$ )
- ⑱ 54, 58, 62, 67, 71, 77, 81, **88, 92** (+ 4 + 4 + 5 + 4 + 6 + 4...)
- ⑲ 58, 55, 57, 53, 55, 50, 52, **46, 48** (- 3 + 2 - 4 + 2 - 5 + 2...)
- ⑳ 50, 47, 48, 44, 45, 40, 41, **35, 36** (- 3 + 1 - 4 + 1 - 5 + 1...)