



Name: _____

Date: _____

Number Patterns 608

What is the tallest building in the world? A library -- it has so many stories!

Difficult - with decimal numbers

- ① 9.6, 9.3, 8.8, 8.1, 7.2, 6.1, __ , __
- ② 5.3, 4.8, 4.4, 3.8, 3.4, 2.7, __ , __
- ③ 9.6, 9.3, 8.8, 8.1, 7.2, 6.1, __ , __
- ④ 7.7, 7.3, 7.2, 6.7, 6.6, 6, __ , __
- ⑤ 5.3, 5.8, 5.9, 6.5, 6.6, 7.3, __ , __
- ⑥ 1, 1.8, 2.5, 3.1, 3.6, 4, __ , __
- ⑦ 2.2, 2.8, 3.5, 4.3, 5.2, 6.2, __ , __
- ⑧ 3.5, 3.1, 3.6, 3.2, 3.7, 3.3, __ , __
- ⑨ 4.2, 5.1, 5.9, 6.6, 7.2, 7.7, __ , __
- ⑩ 4, 3.2, 3.5, 2.6, 2.9, 1.9, __ , __
- ⑪ 2.3, 3, 3.6, 4.1, 4.5, 4.8, __ , __
- ⑫ 4.6, 4.9, 5.3, 5.8, 6.4, 7.1, __ , __
- ⑬ 5.2, 5.8, 5.7, 6.3, 6.2, 6.8, __ , __
- ⑭ 0.5, 1, 0.7, 1.4, 1.1, 2.2, __ , __
- ⑮ 3, 2.7, 3.5, 3.2, 4, 3.7, __ , __
- ⑯ 0.1, 0.2, 0.5, 1, 1.7, 2.6, __ , __
- ⑰ 5.8, 5.3, 5.7, 5.1, 5.5, 4.8, __ , __
- ⑱ 2.6, 3.1, 3.7, 4.4, 5.2, 6.1, __ , __
- ⑲ 6.4, 6, 6.6, 6.2, 6.8, 6.4, __ , __
- ⑳ 0.4, 0.8, 0.6, 1.2, 1, 2, __ , __



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- ① 9.6, 9.3, 8.8, 8.1, 7.2, 6.1, **4.8, 3.3** (- 0.3 - 0.5 - 0.7 - 0.9 - 1.1...)
- ② 5.3, 4.8, 4.4, 3.8, 3.4, 2.7, **2.3, 1.5** (- 0.5 - 0.4 - 0.6 - 0.4 - 0.7...)
- ③ 9.6, 9.3, 8.8, 8.1, 7.2, 6.1, **4.8, 3.3** (- 0.3 - 0.5 - 0.7 - 0.9 - 1.1...)
- ④ 7.7, 7.3, 7.2, 6.7, 6.6, 6, **5.9, 5.2** (- 0.4 - 0.1 - 0.5 - 0.1 - 0.6...)
- ⑤ 5.3, 5.8, 5.9, 6.5, 6.6, 7.3, **7.4, 8.2** (+ 0.5 + 0.1 + 0.6 + 0.1 + 0.7...)
- ⑥ 1, 1.8, 2.5, 3.1, 3.6, 4, **4.3, 4.5** (+ 0.8 + 0.7 + 0.6 + 0.5...)
- ⑦ 2.2, 2.8, 3.5, 4.3, 5.2, 6.2, **7.3, 8.5** (+ 0.6 + 0.7 + 0.8 + 0.9...)
- ⑧ 3.5, 3.1, 3.6, 3.2, 3.7, 3.3, **3.8, 3.4** (- 0.4 + 0.5 - 0.4 + 0.5 - 0.4...)
- ⑨ 4.2, 5.1, 5.9, 6.6, 7.2, 7.7, **8.1, 8.4** (+ 0.9 + 0.8 + 0.7 + 0.6...)
- ⑩ 4, 3.2, 3.5, 2.6, 2.9, 1.9, **2.2, 1.1** (- 0.8 + 0.3 - 0.9 + 0.3 - 1...)
- ⑪ 2.3, 3, 3.6, 4.1, 4.5, 4.8, **5, 5.1** (+ 0.7 + 0.6 + 0.5 + 0.4...)
- ⑫ 4.6, 4.9, 5.3, 5.8, 6.4, 7.1, **7.9, 8.8** (+ 0.3 + 0.4 + 0.5 + 0.6...)
- ⑬ 5.2, 5.8, 5.7, 6.3, 6.2, 6.8, **6.7, 7.3** (+ 0.6 - 0.1 + 0.6 - 0.1 + 0.6...)
- ⑭ 0.5, 1, 0.7, 1.4, 1.1, 2.2, **1.9, 3.8** ($\times 2 - 0.3 \times 2 - 0.3 \times 2 - 0.3...$)
- ⑮ 3, 2.7, 3.5, 3.2, 4, 3.7, **4.5, 4.2** (- 0.3 + 0.8 - 0.3 + 0.8 - 0.3...)
- ⑯ 0.1, 0.2, 0.5, 1, 1.7, 2.6, **3.7, 5** (+ 0.1 + 0.3 + 0.5 + 0.7 + 0.9...)
- ⑰ 5.8, 5.3, 5.7, 5.1, 5.5, 4.8, **5.2, 4.4** (- 0.5 + 0.4 - 0.6 + 0.4 - 0.7...)
- ⑱ 2.6, 3.1, 3.7, 4.4, 5.2, 6.1, **7.1, 8.2** (+ 0.5 + 0.6 + 0.7 + 0.8...)
- ⑲ 6.4, 6, 6.6, 6.2, 6.8, 6.4, **7, 6.6** (- 0.4 + 0.6 - 0.4 + 0.6 - 0.4...)
- ⑳ 0.4, 0.8, 0.6, 1.2, 1, 2, **1.8, 3.6** ($\times 2 - 0.2 \times 2 - 0.2 \times 2 - 0.2...$)