



Name: _____

Date: _____

Number Patterns 605

What gets smaller when you put more stuff in it? A Hole!

Easy and Difficult - with decimal numbers

- ① 0.6, 1.2, 0.8, 1.6, 1.2, 2.4, __, __
- ② 0, 0.4, 1, 1.8, 2.8, 4, __, __
- ③ 1.7, 2.3, 1.7, 2.4, 1.8, 2.6, __, __
- ④ 6.5, 7, 7.5, 8, 8.5, 9, __, __
- ⑤ 4.8, 5.1, 5.4, 5.7, 6, 6.3, __, __
- ⑥ 9.7, 9.4, 8.9, 8.2, 7.3, 6.2, __, __
- ⑦ 3.9, 4.1, 4, 4.2, 4.1, 4.3, __, __
- ⑧ 3, 3.2, 3.1, 3.3, 3.2, 3.4, __, __
- ⑨ 6.7, 6.4, 6.1, 5.8, 5.5, 5.2, __, __
- ⑩ 3.2, 3.8, 4.5, 5.3, 6.2, 7.2, __, __
- ⑪ 7.8, 7.5, 7.3, 6.9, 6.7, 6.2, __, __
- ⑫ 0.4, 0.7, 1.1, 1.6, 2.2, 2.9, __, __
- ⑬ 9.6, 9.4, 9, 8.4, 7.6, 6.6, __, __
- ⑭ 3.9, 4.3, 4.7, 5.1, 5.5, 5.9, __, __
- ⑮ 4.4, 4.6, 4.8, 5.1, 5.3, 5.7, __, __
- ⑯ 6.5, 6.3, 6.1, 5.9, 5.7, 5.5, __, __
- ⑰ 5.4, 4.9, 5, 4.4, 4.5, 3.8, __, __
- ⑱ 8.7, 7.8, 6.9, 6, 5.1, 4.2, __, __
- ⑲ 0.9, 1.8, 2.7, 3.6, 4.5, 5.4, __, __
- ⑳ 0.9, 1.8, 2.7, 3.6, 4.5, 5.4, __, __



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Easy and Difficult - with decimal numbers

- ① 0.6, 1.2, 0.8, 1.6, 1.2, 2.4, **2, 4** ($\times 2 - 0.4 \times 2 - 0.4 \times 2 - 0.4 \dots$)
- ② 0, 0.4, 1, 1.8, 2.8, 4, **5.4, 7** ($+ 0.4 + 0.6 + 0.8 + 1 + 1.2 \dots$)
- ③ 1.7, 2.3, 1.7, 2.4, 1.8, 2.6, **2, 2.9** ($+ 0.6 - 0.6 + 0.7 - 0.6 + 0.8 \dots$)
- ④ 6.5, 7, 7.5, 8, 8.5, 9, **9.5, 10** ($+ 0.5$)
- ⑤ 4.8, 5.1, 5.4, 5.7, 6, 6.3, **6.6, 6.9** ($+ 0.3$)
- ⑥ 9.7, 9.4, 8.9, 8.2, 7.3, 6.2, **4.9, 3.4** ($- 0.3 - 0.5 - 0.7 - 0.9 - 1.1 \dots$)
- ⑦ 3.9, 4.1, 4, 4.2, 4.1, 4.3, **4.2, 4.4** ($+ 0.2 - 0.1 + 0.2 - 0.1 + 0.2 \dots$)
- ⑧ 3, 3.2, 3.1, 3.3, 3.2, 3.4, **3.3, 3.5** ($+ 0.2 - 0.1 + 0.2 - 0.1 + 0.2 \dots$)
- ⑨ 6.7, 6.4, 6.1, 5.8, 5.5, 5.2, **4.9, 4.6** ($- 0.3$)
- ⑩ 3.2, 3.8, 4.5, 5.3, 6.2, 7.2, **8.3, 9.5** ($+ 0.6 + 0.7 + 0.8 + 0.9 \dots$)
- ⑪ 7.8, 7.5, 7.3, 6.9, 6.7, 6.2, **6, 5.4** ($- 0.3 - 0.2 - 0.4 - 0.2 - 0.5 \dots$)
- ⑫ 0.4, 0.7, 1.1, 1.6, 2.2, 2.9, **3.7, 4.6** ($+ 0.3 + 0.4 + 0.5 + 0.6 \dots$)
- ⑬ 9.6, 9.4, 9, 8.4, 7.6, 6.6, **5.4, 4** ($- 0.2 - 0.4 - 0.6 - 0.8 - 1 \dots$)
- ⑭ 3.9, 4.3, 4.7, 5.1, 5.5, 5.9, **6.3, 6.7** ($+ 0.4$)
- ⑮ 4.4, 4.6, 4.8, 5.1, 5.3, 5.7, **5.9, 6.4** ($+ 0.2 + 0.2 + 0.3 + 0.2 + 0.4 \dots$)
- ⑯ 6.5, 6.3, 6.1, 5.9, 5.7, 5.5, **5.3, 5.1** ($- 0.2$)
- ⑰ 5.4, 4.9, 5, 4.4, 4.5, 3.8, **3.9, 3.1** ($- 0.5 + 0.1 - 0.6 + 0.1 - 0.7 \dots$)
- ⑱ 8.7, 7.8, 6.9, 6, 5.1, 4.2, **3.3, 2.4** ($- 0.9$)
- ⑲ 0.9, 1.8, 2.7, 3.6, 4.5, 5.4, **6.3, 7.2** ($+ 0.9$)
- ⑳ 0.9, 1.8, 2.7, 3.6, 4.5, 5.4, **6.3, 7.2** ($+ 0.9$)