



PW PW PW PW PW PW PW

Continue the sequence:

- 1

6,

12,

24,

48,

,

- 2

25,

36,

49,

64,

,

- 3

16,

21,

26,

31,

,

- 4

3,

11,

5,

14,

,

- 5

5,

12,

7,

14,

,

- 6

9,

16,

25,

36,

,

- 7

4,

9,

16,

25,

,

- 8

2,

4,

8,

16,

,

- 9

19,

24,

29,

34,

,

- 10

6,

13,

10,

15,

,

- 11

2,

8,

4,

11,

,

- 12

6,

18,

54,

162,

,

PW PW PW PW PW PW PW



Answer key

1 6, 12, 24, 48, 96, 192
Rule: multiply by 2

2 25, 36, 49, 64, 81, 100
Rule: square numbers (5², 6², 7², ...)

3 16, 21, 26, 31, 36, 41
Rule: add 5

4 3, 11, 5, 14, 7, 17
Rule: two interleaved sequences (add 2 and add 3)

5 5, 12, 7, 14, 9, 16
Rule: two interleaved sequences (add 2 and add 2)

6 9, 16, 25, 36, 49, 64
Rule: square numbers (3², 4², 5², ...)

7 4, 9, 16, 25, 36, 49
Rule: square numbers (2², 3², 4², ...)

8 2, 4, 8, 16, 32, 64
Rule: multiply by 2

9 19, 24, 29, 34, 39, 44
Rule: add 5

10 6, 13, 10, 15, 14, 17
Rule: two interleaved sequences (add 4 and add 2)

11 2, 8, 4, 11, 6, 14
Rule: two interleaved sequences (add 2 and add 3)

12 6, 18, 54, 162, 486, 1458
Rule: multiply by 3