

1. Which number is missing in this pattern?

41, 45, 49, ____, 57, 61, 65

- a) 53
b) I don't know
c) 59
d) 50

2. Which number is missing in this pattern?

62, 68, 76, 82, 90, 96 ____, 110

- a) 102
b) 104
c) 106
d) I don't know

3. Complete the function

Input	Function	Output
71	? →	99

- a) Subtract 22
b) Add 28
c) Divide by 8
d) I don't know
4. The terms in the number sequence 3, 6, 12, 24 ...are generated by:
- a) subtracting 3
b) multiplying by 2
c) multiplying by 3
d) adding 3

10. Start at 10, multiply by 5.

a) 10, 50, 500, 5,000,...

c) 10, 25, 50, 75,...

b) 10, 50, 250, 1,250,...

d) 5, 10, 15, 20, 25,...

11. 1, 2, 5, 1, 2, 5, __

What number comes next?

a) 2

c) 1

b) 5

12. Find the missing numbers.

520, ____, 560, 580, ____

a) 510, 590

c) 525, 590

b) 540, 600

d) 540, 590

13. What comes next in this pattern

47, 49, 51, ____, 55, 57

a) 53

c) 50

b) 52

d) 54

14. 9, 18, 27, 36, 45, ____

a) 54

c) 63

b) 76

15. 6, 9, 12, 15, 18, 21

What is the rule?

a) $\times 4$

b) $\times 5$

c) $\times 6$

d) $+ 3$

16. Mrs. Hunt wrote the following number pattern: 37, 30, 23, 16,

What number would come next if the pattern continued?

a) 5

b) 10

c) 9

d) 15

17. How would you describe this pattern's rule?

99, 97, 95, 93, 91

a) Add 2

b) Subtract 1

c) Subtract 2

d) Add 3

18. How would you describe this pattern's rule?

23, 29, 35, 41

a) Add 4

b) Subtract 5

c) Subtract 6

d) Add 6