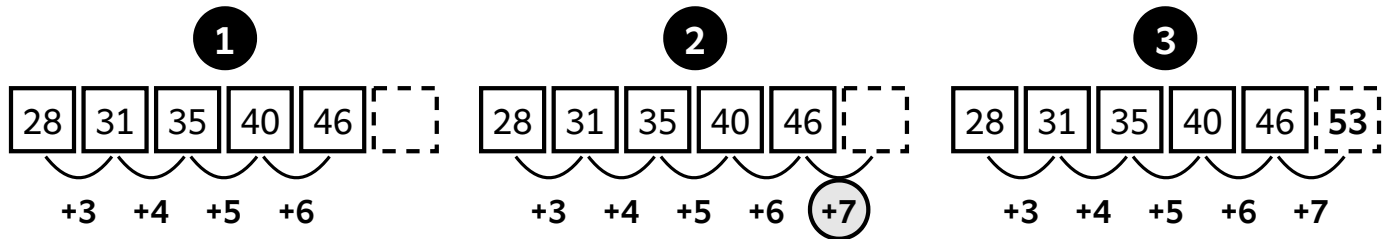




Learn a new puzzle

Number Series

Find the rule. Write the missing number.

Trick: Write the jumps

Write each jump under the numbers: +3, +4, +5, +6.

The jumps grow by 1 each time. So the next jump is +7.

 $46 + 7 = 53$. Write 53 in the box.**Try it**

a	26	22	23	19	20	16	17	
b	9	18	36	72	144			

The answer is with the other answers.

Talk about it: Ask: How did the jumps help you find the next number?



1 Number Series Find the rule. Write the missing number.



a	32	38	44	50	56	
b	60	54	48	42	36	

2 Number Series Find the rule. Write the missing number.



a	89	93	97	101	105	
b	59	49	39	29	19	

3 Number Series Find the rule. Write the missing number.



a	14	21	28	35	42	
b	67	60	53	46	39	

4 Number Series Find the rule. Write the missing number.



a	64	54	44	34	24	
b	41	52	63	74	85	

**5 Number Series** Find the rule. Write the missing number.

a

20	12	17	9	14	6	11	
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b

1	3	9	27	81	
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6 Number Series Find the rule. Write the missing number.

a

10	20	40	80	160	
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b

36	28	34	26	32	24	30	
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7 Number Series Find the rule. Write the missing number.

a

10	20	40	80	160	
----	----	----	----	-----	--

b

32	25	26	19	20	13	14	
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8 Number Series Find the rule. Write the missing number.

a

7	7	11	17	15	27	19	
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b

17	18	21	26	33	
----	----	----	----	----	--



9 **Number Series** Find the rule. Write the missing number.



a

15	10	18	15	21	20	24	
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b

59	44	32	23	17	
----	----	----	----	----	--

10 **Number Series** Find the rule. Write the missing number.



a

2	2	2		2	2
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b

15	75	17		19	71	21	69
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Answers

For grown-ups. Cut off or keep this page aside until the puzzles are done.

Learn · Number Series

a	26	22	23	19	20	16	17	13
b	9	18	36	72	144	288		

#1

32	38	44	50	56	62
60	54	48	42	36	30

a: 62 (add 6 each time). b: 30 (take away 6 each time).

#2

89	93	97	101	105	109
59	49	39	29	19	9

a: 109 (add 4 each time). b: 9 (take away 10 each time).

#3

14	21	28	35	42	49
67	60	53	46	39	32

a: 49 (add 7 each time). b: 32 (take away 7 each time).

#4

64	54	44	34	24	14
41	52	63	74	85	96

a: 14 (take away 10 each time). b: 96 (add 11 each time).

#5

20	12	17	9	14	6	11	3
1	3	9	27	81	243		

a: 3 (take away 8, then add 5, again and again). b: 243 (times 3 each time).

#6

10	20	40	80	160	320		
36	28	34	26	32	24	30	22

a: 320 (times 2 each time). b: 22 (take away 8, then add 6, again and again).

#7

10	20	40	80	160	320		
32	25	26	19	20	13	14	7

a: 320 (times 2 each time). b: 7 (take away 7, then add 1, again and again).

#8

7	7	11	17	15	27	19	37
17	18	21	26	33	42		

a: 37 (two series take turns: 7, 11, 15, 19 and 7, 17, 27, 37). b: 42 (the jumps are +1, +3, +5, +7, +9).

#9

15	10	18	15	21	20	24	25
59	44	32	23	17	14		

a: 25 (two series take turns: 15, 18, 21, 24 and 10, 15, 20, 25). b: 14 (the jumps are -15, -12, -9, -6, -3).

#10

2	2	2	2	2	2		
15	75	17	73	19	71	21	69

a: 2 (times 2, then take away 2). b: 73 (two series take turns: 15, 17, 19, 21 and 75, 73, 71, 69).