Find the rule, then find the missing number in the table.

In	12	30	41	51
Out	19	37	?	58

Find the missing number in the pattern: 7, 14, 21, 28, ___

What is the rule for this table? Out = In × ___

In	3	4	5	7
Out	18	24	30	42

Is the sum 3 + 8 even or odd? Write even or odd.

Find the rule, then find the missing number in the table.

In	5	12	45	54
Out	17	24	?	66

Find the missing number in the pattern: 6, ___, 18, 24, 30

What is the rule for this table? Out = In × ___

In	1	5	6	9
Out	6	30	36	54

Find the rule, then find the missing number in the table.

In	4	6	8	9
Out	24	36	48	?

Number Patterns & Input-Output Tables · 2

ANSWER

35

Number Patterns & Input-Output Tables · 1

ANSWER

48

Number Patterns & Input-Output Tables · 4

ANSWER

odd

Number Patterns & Input-Output Tables · 3

ANSWER

6

Number Patterns & Input-Output Tables · 6

ANSWER

12

Number Patterns & Input-Output Tables · 5

ANSWER

57

Number Patterns & Input-Output Tables · 8

ANSWER

54

Number Patterns & Input-Output Tables · 7

ANSWER

6

Find the rule, then find the missing number in the table.

In	2	3	6	10
Out	16	24	?	80

Find the missing number in the pattern: 43, 47, ___, 55, 59

What is the rule for this table? Out = In × ___

In	1	5	6	9
Out	3	15	18	27

Look at the products 6 × 1, 6 × 2, 6 × 3, 6 × 4, and so on. Are they always even or always odd? Write even or odd.

Find the rule, then find the missing number in the table.

In	9	37	47	51
Out	11	?	49	53

Find the missing number in the pattern: 122, 115, 108, ___, 94

What is the rule for this table? Out = In + ___

In	6	33	34	43
Out	11	38	39	48

Find the rule, then find the missing number in the table.

In	1	2	3	8
Out	3	6	?	24

Number Patterns & Input-Output Tables · 10

ANSWER

51

Number Patterns & Input-Output Tables · 9

ANSWER

48

Number Patterns & Input-Output Tables · 12

ANSWER

even

Number Patterns & Input-Output Tables · 11

ANSWER

3

Number Patterns & Input-Output Tables · 14

ANSWER

101

Number Patterns & Input-Output Tables · 13

ANSWER

39

Number Patterns & Input-Output Tables · 16

ANSWER

9

Number Patterns & Input-Output Tables · 15

ANSWER

5

Find the rule, then find the missing number in the table.

In	?	8	9	10
Out	2	16	18	20

Find the missing number in the pattern: 5, 10, ___, 20, 25

What is the rule for this table? Out = In × ___

In	1	5	9	10
Out	3	15	27	30

Look at the products 8 × 1, 8 × 2, 8 × 3, 8 × 4, and so on. Are they always even or always odd? Write even or odd.

Find the rule, then find the missing number in the table.

In	2	4	8	10
Out	14	28	?	70

Find the missing number in the pattern: 9, 18, 27, ___, 45

What is the rule for this table? Out = In × ___

In	1	4	6	8
Out	5	20	30	40

Find the rule, then find the missing number in the table.

In	7	?	18	42
Out	9	16	20	44

Number Patterns & Input-Output Tables · 18

ANSWER

15

Number Patterns & Input-Output Tables · 17

ANSWER

1

Number Patterns & Input-Output Tables · 20

ANSWER

even

Number Patterns & Input-Output Tables · 19

ANSWER

3

Number Patterns & Input-Output Tables · 22

ANSWER

36

Number Patterns & Input-Output Tables · 21

ANSWER

56

Number Patterns & Input-Output Tables · 24

ANSWER

14

Number Patterns & Input-Output Tables · 23

ANSWER

5