Task card 1 Number Patterns & Input-Output Tab...

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

In	12	30	41	51
Out	19	37	?	58

Task card 2 Number Patterns & Input-Output Tab...

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

Task card 3 Number Patterns & Input-Output Tab...

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

In	3	4	5	7
Out	18	24	30	42

Task card 4 Number Patterns & Input-Output Tab...

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

Task card 5 Number Patterns & Input-Output Tab...

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

In	5	12	45	54
Out	17	24	?	66

Task card 6 Number Patterns & Input-Output Tab...

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

Task card 7 Number Patterns & Input-Output Tab...

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

In	1	5	6	9
Out	6	30	36	54

Task card 8 Number Patterns & Input-Output Tab...

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

In	4	6	8	9
Out	24	36	48	?

Task card 9 Number Patterns & Input-Output Tab...

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

In	2	3	6	10
Out	16	24	?	80

Task card 10 Number Patterns & Input-Output Tab...

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

Task card 11 Number Patterns & Input-Output Tab...

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

In	1	5	6	9
Out	3	15	18	27

Task card 12 Number Patterns & Input-Output Tab...

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.

Task card 13 Number Patterns & Input-Output Tab...

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

In	9	37	47	51
Out	11	?	49	53

Task card 14 Number Patterns & Input-Output Tab...

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

Task card 15 Number Patterns & Input-Output Tab...

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

In	6	33	34	43
Out	11	38	39	48

Task card 16 Number Patterns & Input-Output Tab...

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

In	1	2	3	8
Out	3	6	?	24

Task card 17 Number Patterns & Input-Output Tab...

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

In	?	8	9	10
Out	2	16	18	20

Task card 18 Number Patterns & Input-Output Tab...

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

Task card 19 Number Patterns & Input-Output Tab...

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

In	1	5	9	10
Out	3	15	27	30

Task card 20 Number Patterns & Input-Output Tab...

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.

Task card 21 Number Patterns & Input-Output Tab...

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

In	2	4	8	10
Out	14	28	?	70

Task card 22 Number Patterns & Input-Output Tab...

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

Task card 23 Number Patterns & Input-Output Tab...

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

In	1	4	6	8
Out	5	20	30	40

Task card 24 Number Patterns & Input-Output Tab...

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 Task Cards

Recording sheet · Grade 3 · Find the pattern, then answer the question.

Scan to check your answers

Name: _____ Date: _____

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24

Number Patterns & Input-Output Tables Task Cards: Answer Key

Grade 3 · Medium

The answers online

1. 48	**2.** 35	**3.** 6
4. odd	**5.** 57	**6.** 12
7. 6	**8.** 54	**9.** 48
10. 51	**11.** 3	**12.** even
13. 39	**14.** 101	**15.** 5
16. 9	**17.** 1	**18.** 15
19. 3	**20.** even	**21.** 56
22. 36	**23.** 5	**24.** 14