

Represent patterns using tables

1

What is the missing value in the table?

Input	Output
14	5
16	7
19	?
22	13
23	14

- A 12 B 13 C 28 D 10

2

What rule turns each input into its output?

Input	Output
1	0
3	2
4	3
6	5
8	?

- A add 9 B subtract 1 C add 12 D subtract 9

3

What is the missing value in the table?

Rule: divide by 8

Input	Output
8	1
24	3
32	4
40	5
64	?

- A 128 B 512 C 576 D 8

4

Does this rule create each output from its input?

Rule: multiply by 3

Input	Output
1	3
2	6
3	9
7	21
9	27

- A No B Yes

5

What is the missing value in the table?

Rule: add 9

Input	Output
3	12
4	13
8	?
12	21
13	22

- A 1 B 20 C 7 D 17

6

What rule turns each input into its output?

Input	Output
3	1
6	2
15	5
24	8
27	?

- A divide by 3 B divide by 8 C add 8 D divide by 6

7

What is the missing value in the table?

Rule: multiply by 2 then subtract 2

Input	Output
2	2
4	6
5	8
7	?
9	16

- A 26 B 4 C 3 D 12

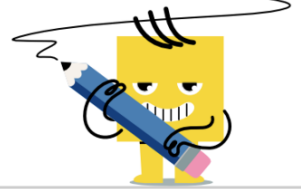
8

Does this rule create each output from its input?

Rule: multiply by 5 then subtract 7

Input	Output
3	14
4	16
5	18
7	22
9	26

- A No B Yes



Represent patterns using tables

9

What is the missing value in the table?

Input	Output
1	2
4	11
5	14
6	?
9	26

A 12

B 16

C 17

D 23

10

What rule turns each input into its output?

Input	Output
2	15
3	18
4	21
7	30
9	?

A multiply by 2
then add 12B multiply by
2 then add 4C multiply by
5 then add 2D multiply by
3 then add 9**11**

What rule turns each input into its output?

Input	Output
2	4
3	5
8	10
12	14
13	15

A multiply by
4

B add 2

C subtract 12

D multiply by
3**12**

What rule turns each input into its output?

Input	Output
2	11
3	12
4	13
8	17
15	24

A add 9

B add 10

C subtract 11

D subtract 3

13

What rule turns each input into its output?

Input	Output
2	8
4	16
5	20
6	24
8	32

A divide by
10B multiply by
10C multiply by
4D multiply by
9**14**

What rule turns each input into its output?

Input	Output
1	1
3	7
4	10
7	19
9	25

A multiply by 3
then subtract 2B multiply by 3
then subtract 5C multiply by
5 then add 1D multiply by 3
then subtract 6