

Generate ordered pairs from a rule

1

Does this rule create each output from its input?

Rule: divide by 4

Input	Output
4	1
8	2
12	3
24	6
36	9

A Yes

B No

2

Does this rule create each output from its input?

Rule: add 9

Input	Output
1	10
5	14
7	16
8	17
11	20

A No

B Yes

3

What is the missing value in the table?

Rule: multiply by 3

Input	Output
2	6
4	?
5	15
6	18
8	24

A 24

B 12

C 16

D 44

4

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 7

C 20

D 17

5

What rule turns each input into its output?

Input	Output
9	1
10	2
11	3
14	6
17	9

A add 11

B subtract 2

C subtract 8

D add 8

6

What rule turns each input into its output?

Input	Output
4	24
6	36
7	42
8	48
9	54

A divide by 12

B multiply by 6

C subtract 10

D divide by 11

7

What rule turns each input into its output?

Input	Output
1	0
5	?
7	6
11	10
13	12

A add 8

B subtract 1

C subtract 7

D subtract 9

8

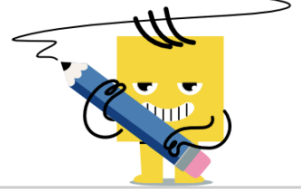
Does this rule create each output from its input?

Rule: multiply by 4 then subtract 1

Input	Output
1	2
2	6
7	26
8	30
9	34

A No

B Yes



Generate ordered pairs from a rule

9

What is the missing value in the table?

Rule: multiply by 3 then add 5

Input	Output
1	8
2	11
3	14
4	17
6	?

A 23

B 44

C 8

D 14

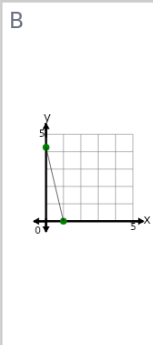
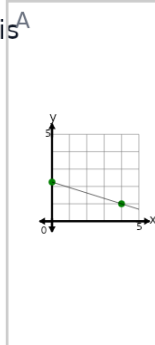
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What rule turns each input into its output?

Input	Output
4	14
5	16
6	18
8	?
9	24

A multiply by 2
then subtract 9B multiply by 4
then subtract 8C multiply by 2
then add 6D multiply by 4
then add 3**11**What graph shows this
set of X, Y values?

X	Y
0	2.25
1	2
2	1.75
3	1.5
4	1.25

**12**

What is the missing value in the table?

Input	Output
1	2
2	7
4	17
6	27
8	?

A 34

B 52

C 37

D 11

13What chart of X, Y values matches this
equation?

$$y = -2x + 3$$

A

X	Y
0	3
1	1
2	-1
3	-3
4	-5

B

X	Y
0	3
1	2
2	1
3	0
4	-1