

Find the Rule Graphic Organizer

- Find the relationship between x and y.
- What is happening with the x value to get the y value each time?
- The same thing will happen to each x value to get each y value.

Examples:

1. Find the rule for this function.

X	Y
0	5
5	10
10	15
15	20

→ $0 + 5 = 5$
→ $5 + 5 = 10$
→ $10 + 5 = 15$
→ $15 + 5 = 20$

RULE:
↓
 $x + 5 = y$

2. Find the rule for this function.

X	Y
20	5
16	4
12	3
8	2

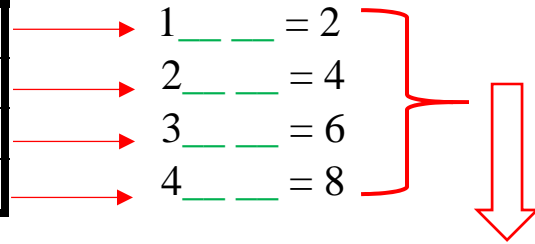
→ $20 \div 4 = 5$
→ $16 \div 4 = 4$
→ $12 \div 4 = 3$
→ $8 \div 4 = 2$

RULE:
↓
 $x \div 4 = y$

Find the Rule: Try it yourself!

1. Find the rule for this function.

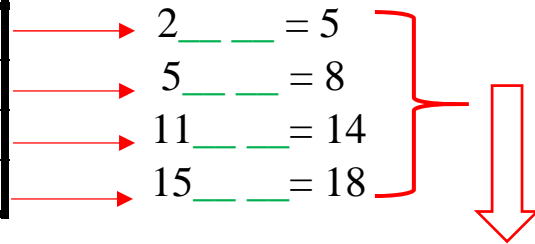
X	Y
1	2
2	4
3	6
4	8



RULE: $x \text{ ___ } = y$

2. Find the rule for this function.

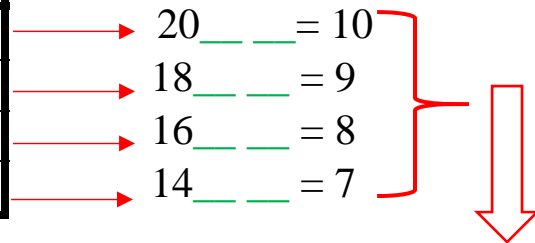
X	Y
2	5
5	8
11	14
15	18



RULE: $x \text{ ___ } = y$

3. Find the rule for this function.

X	Y
20	10
18	9
16	8
14	7



RULE: $x \text{ ___ } = y$