



Date _____ Name _____

MAFS.3.OA.4.9- Number 4

Identify arithmetic patterns (including patterns in the addition table or multiplication table); and explain them using properties of operations.

Multiple Choice Response

- There is a list of numbers.
9, 15, 19, 27, 33

Which of the phrases describe the numbers?

- multiples of 3
- even numbers
- factors of 9
- odd numbers

Answer: _____

Hot Text

- A rule is given.
Highlight the pattern by shading in the multiplication table.

multiple of 7

×	1	2	3	4	5	6	7	8	9
1	1	2	3	4	5	6	7	8	9
2	2	4	6	8	10	12	14	16	18
3	3	6	9	12	15	18	21	24	27
4	4	8	12	16	20	24	28	32	36
5	5	10	15	20	25	30	35	40	45
6	6	12	18	24	30	36	42	48	54
7	7	14	21	28	35	42	49	56	63
8	8	16	24	32	40	48	56	64	72
9	9	18	27	36	45	54	63	72	81
10	10	20	30	40	50	60	70	80	90

Answer: _____

Equation Response

- A list of numbers is given.
700, 800, 900, 1,000

Write a rule for the pattern.

Answer: _____

Multi-Select Response

- A pattern is shown.

632, ____, 610, ____, 588

Select the numbers to complete the pattern.

- 621
- 622
- 599
- 600
- 596

Answer: _____

Table Response

- An addition table is shown. Complete the pattern by filling in the doubles addition facts.

+	1	2	3	4	5	6	7	8	9
1									
2									
3									
4									
5									
6									
7									
8									
9									

Answer: _____