



Date _____ Name _____

MAFS.3.OA.4.9- Number 2

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

Multiple Choice Response

- 1. A list of numbers is shown.
40, 35, 30, 25
What is the rule for the pattern?

- add 5
- subtract 5
- multiply by 5
- divide by 5

Answer: _____

Hot Text

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

Multiples of 4

x	1	2	3	4	5
1	1	2	3	4	5
2	2	4	6	8	10
3	3	6	9	12	15
4	4	8	12	16	20
5	5	10	15	20	25
6	6	12	18	24	30
7	7	14	21	28	35
8	8	16	24	32	40
9	9	18	27	36	45
10	10	20	30	40	50

Answer: _____

Equation Response

- 3. A list of numbers is given.
13, 17, 21, 25...
Write a rule for the pattern.

Answer: _____

Multi-Select Response

- 4. A pattern is shown.
6, 8, 10, 12, 14
Select all the statements that describe the pattern.

- even
- factors of 24
- multiples of 2
- factors of 2
- multiples of 4

Answer: _____

Table Response

- 5. A pattern is shown enter the doubles plus 1 to complete the table.

+	1	2	3	4	5	6	7	8	9
1	2		4	5	6	7	8	9	10
2	3	4		6	7	8	9	10	11
3	4	5	6		8	9	10	11	12
4	5	6	7	8		10	11	12	13
5	6	7	8	9	10		12	13	14
6	7	8	9	10	11	12		14	15
7	8	9	10	11	12	13	14		16
8	9	10	11	12	13	14	15	16	

Answer: _____