

Find a pattern in an addition or multiplication table

NAME	DATE	SCORE / 10
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- 1** Here is the 2s row of the addition table: 2, 3, 4, 5, 6, 7, 8, 9, 10, 11. Which is true about this row?
- ☐ Every number ends in 0 or 5.
 ☐ Each number is 1 more than the number before it.
☐ Each number is 3 more than the number before it.
 ☐ The numbers get smaller.
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- 2** Here is the 5s row of the addition table: 5, 6, 7, 8, 9, 10, 11, 12, 13, 14. Write one pattern you see in this row.
- _____
- _____
- _____
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- 3** This is about the times table to 10×10 . “A product in the 2s row is odd.” Is this always, sometimes or never true?
- ☐ Always true
 ☐ Sometimes true
 ☐ Never true
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- 4** Here is the 5s row of the times table: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50. Which is true about this row?
- ☐ Each number is 3 more than the number before it.
☐ Each number is 1 more than the number before it.
☐ Each number is 4 more than the number before it.
 ☐ Every number ends in 0 or 5.

- 5** Here is the 3s row of the times table: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30. Write one pattern you see in this row.

- 6** This is about the times table to 10×10 . "Every product in the 5s row ends in 0 or 5." Is this always, sometimes or never true?

☐ Always true ☐ Sometimes true ☐ Never true

- 7** Here is the 2s row of the times table: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20. Which is true about this row?

☐ Every number ends in 0 or 5. ☐ The numbers get smaller. ☐ Every number is even.
☐ Every number is odd.

- 8** Here is the 6s row of the times table: 6, 12, 18, 24, 30, 36, 42, 48, 54, 60. Write one pattern you see in this row.

- 9** Here is the 10s row of the times table: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100. Which is true about this row?

☐ Each number is 3 more than the number before it. ☐ Every number ends in 0.
☐ Every number is odd. ☐ The numbers get smaller.

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Here is the 2s row of the times table: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20. Which is true about this row?

- ☐ Each number is 2 more than the number before it. ☐ Every number ends in 0.
☐ Every number is odd. ☐ The numbers get smaller.

Find a pattern in an addition or multiplication table

1 Each number is 1 more than the number before it.

3 Never true

4 Every number ends in 0 or 5.

6 Always true

7 Every number is even.

9 Every number ends in 0.

10 Each number is 2 more than the number before it.

2 A written explanation

The 5s row of the addition table

	1	2	3	4	5	6	7	8	9	10
5s row	5	6	7	8	9	10	11	12	13	14

A model answer: Each number is 1 more than the number before it: $5 + 1 = 6$, $6 + 1 = 7$, and so on.

What counts as right: Counts as right if it says one pattern that is true of every number in the row, for example: each number is 1 more than the number before it; the numbers go odd, even, odd, even; each number is 5 more than its place in the row (the first is $5 + 1$). A pattern true of only some of the numbers, or just copying the numbers out, does not count.

5 A written explanation

The 3s row of the times table

	1	2	3	4	5	6	7	8	9	10
3s row	3	6	9	12	15	18	21	24	27	30

A model answer: Each number is 3 more than the number before it: $3 + 3 = 6$, $6 + 3 = 9$, and so on.

What counts as right: Counts as right if it says one pattern that is true of every number in the row, for example: each number is 3 more than the number before it; the numbers go odd, even, odd, even. A pattern true of only some of the numbers, or just copying the numbers out, does not count.

8 A written explanation

The 6s row of the times table

	1	2	3	4	5	6	7	8	9	10
6s row	6	12	18	24	30	36	42	48	54	60

A model answer: Each number is 6 more than the number before it: $6 + 6 = 12$, $12 + 6 = 18$, and so on.

What counts as right: Counts as right if it says one pattern that is true of every number in the row, for example: each number is 6 more than the number before it; every number is even. A pattern true of only some of the numbers, or just copying the numbers out, does not count.