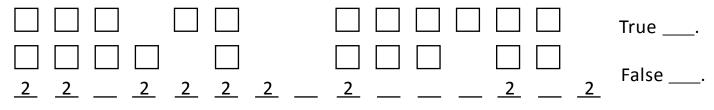# INVESTIGATE THE PATTERN

Investigate the pattern of even numbers 0, 2, 4, 6 and 8 in the ones place and also relate to odd numbers.

1. a) Skip count the columns in the array.

☐ ☐ ☐   ☐ ☐   ☐ ☐ ☐ ☐ ☐ ☐   True ___.

☐ ☐ ☐ ☐   ☐   ☐ ☐ ☐   ☐ ☐

 2   2 __ 2   2   2   2 __ 2 __ __ __ 2 __ 2   False ___.

__ + __ + __ + __ + __ + __+ __ + __ + __ + __ + __ + __ + __ + __ + __ = ___.

b) Solve.

1 + __ = 2.   __ + 2 = 4.   3 + __ = 6.   __ + 4 = 8.   5 + __ = 10.

__ + 6 = 12.   __ + 7 = 14.   8 + 8 = ___.   9 + 9 = ___.   ___ + 10 = 20.

11 + 11 = ___.   ___ + 12 = 24.   13 + 13 = ___.   14 + 14 = ___.   ___ + 15 = 30.

c) How is the array in the problem 2 (a) related to the answers in problem 2 (b).

Solution explanation:

1) Two rows of 1 = Double the number of 1.

2) Two rows of 2 = Double the number of __.

3) Two rows of 3 = Double the number of __.

4) Two rows of __ = Double the number of __.

5) Two rows of __ = Double the number of __.

6) Two rows of 6 = Double the number of __.

7) Two rows of 7 = Double the number of __.

8) Two rows of __ = Double the number of __.

9) Two rows of __ = Double the number of __.

10) Two rows of ___ = Double the number of ___.

11) Two rows of ___ = Double the number of ___.

12) Two rows of ___ = Double the number of ___.

13) Two rows of ___ = Double the number of ___.

14) Two rows of 14 = Double the number of 14.

15) Two rows of ___ = Double the number of ___.

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