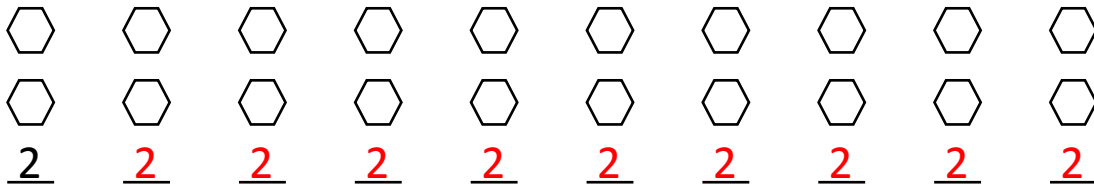# INVESTIGATE THE PATTERN

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

Example:

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

⬡ ⬡ ⬡ ⬡ ⬡ ⬡ ⬡ ⬡ ⬡ ⬡   True ✔.

⬡ ⬡ ⬡ ⬡ ⬡ ⬡ ⬡ ⬡ ⬡ ⬡

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

$$\underline{2} + \underline{2} + \underline{2} + \underline{2} + \underline{2} + \underline{2} + \underline{2} + \underline{2} + \underline{2} + \underline{2} = \underline{20}.$$

b) Solve.

$1 + 1 = \underline{2}$. $2 + 2 = \underline{4}$. $3 + 3 = \underline{6}$. $4 + 4 = \underline{8}$.

$5 + 5 = \underline{10}$. $6 + 6 = \underline{12}$. $7 + 7 = \underline{14}$. $8 + 8 = \underline{16}$.

$9 + 9 = \underline{18}$. $10 + 10 = \underline{20}$.

c) Explain the connection between the array in problem and the answers in problem 1(b).

Solution explanation:

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

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

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

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

5) 2 rows of 5 = Double the number of 5.

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

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

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

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

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

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