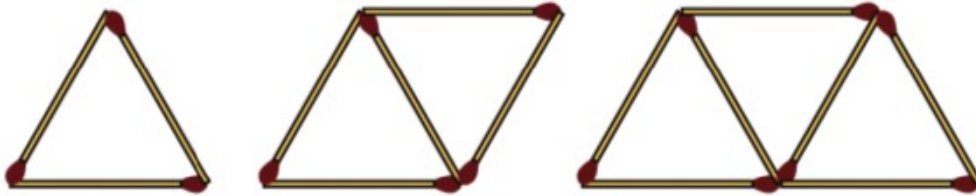


ONLINE MATHS CLASS - X - 05 (28 / 06 /2021)

1. ARITHMETIC SEQUENCE - CLASS 3

WORKSHEET

1. Let's make figures using matchsticks as shown in the figure.



- If we continue like this , how many matchsticks will be there in the fourth figure ?
 - If we continue this process , write the sequence of number of matchsticks in each figure ?
 - Is this sequence an arithmetic sequence ? Give reasons .
2. Consider sequence of circles with radii 1 cm , 2 cm, 3cm , 4 cm , ... (radii change in order)
- Write the sequence of perimeters of the circles .
 - Is this sequence an arithmetic sequence ? Give reasons .
3. a) Write the sequence of natural numbers which leave remainder 1 when division by 2
- Is this sequence an arithmetic sequence ? Give reasons .
4. a) Write the sequence got by multiplying natural numbers by 5 and then add 3 .
- Is this sequence an arithmetic sequence ? Give reasons .
5. a) Write the sequence got by multiplying natural numbers by 7 and then subtract 4 .
- Is this sequence an arithmetic sequence ? Give reasons .