



CREST Mathematics Olympiad (CMO) Worksheet *for* Class 2



Topic
Patterns



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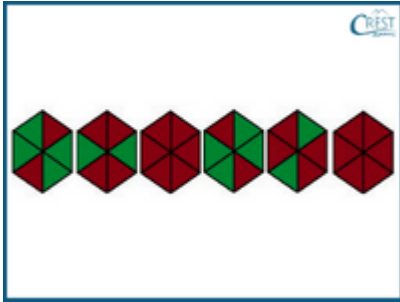
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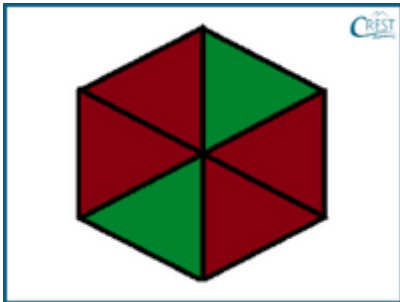
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Worksheet on Patterns

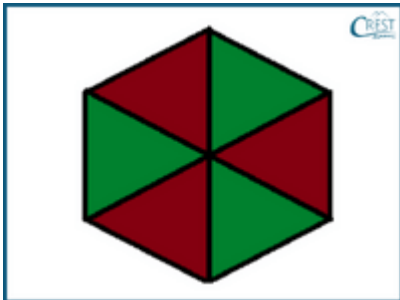
1. Identify the next shape of the given series.



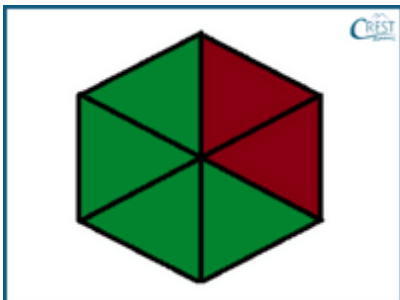
a.



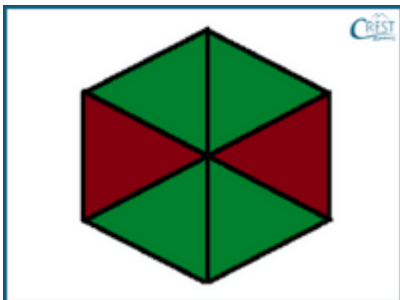
b.



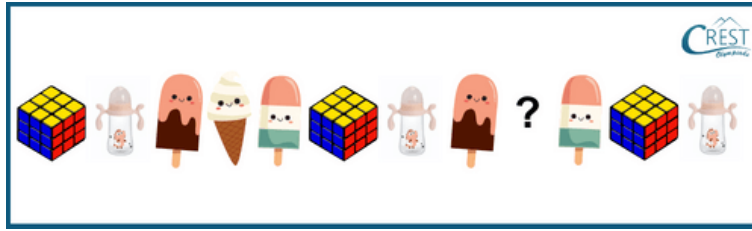
c.



d.



2. Identify the missing object in the given series.



a.



b.



c.



d.

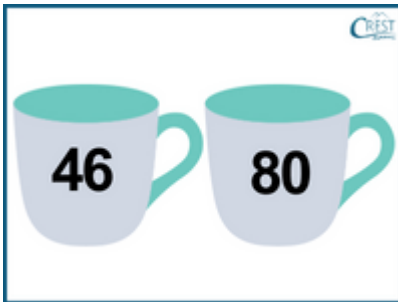


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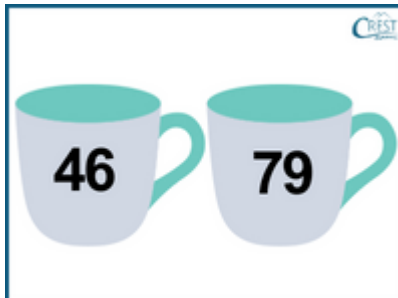
3. What are the numbers filled up on the mug?



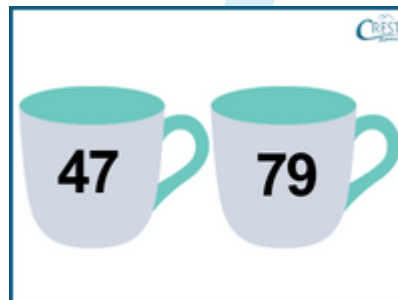
a.



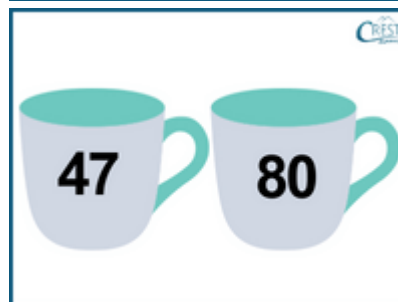
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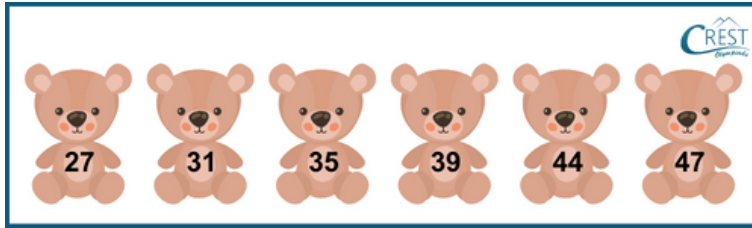
c.



d.



4. Identify the wrong number.



a.



b.



c.



d.



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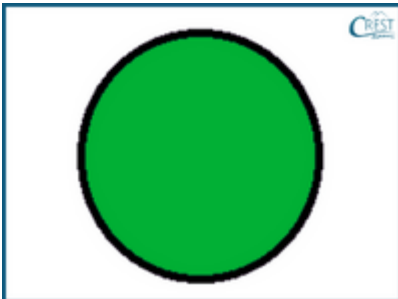
5. Identify the next figure in the given series.



a.



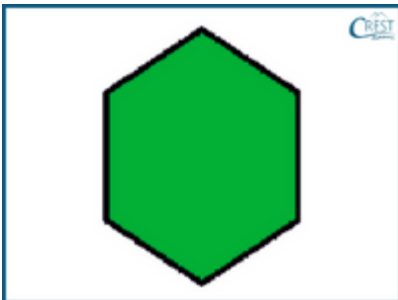
b.



c.

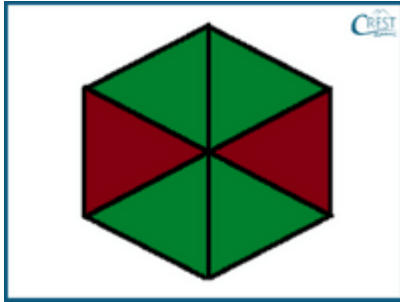


d.

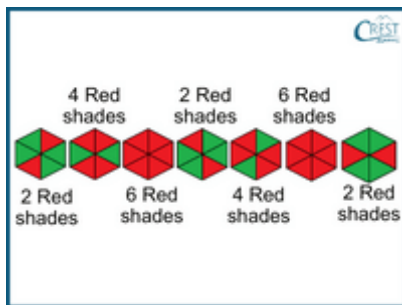


Answer Key

1. d -



Explanation: The pattern is shown as:

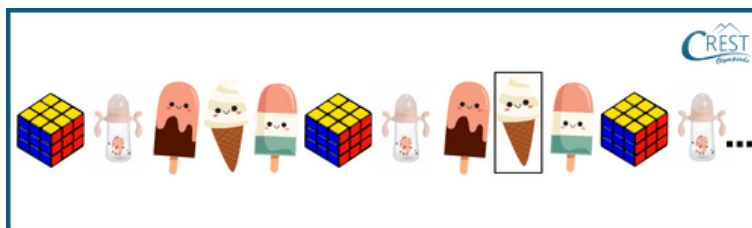


The red shades should be opposite, not consecutive.

2. c -



Explanation: There are repetitions after 5 objects. It is marked in the figure below:

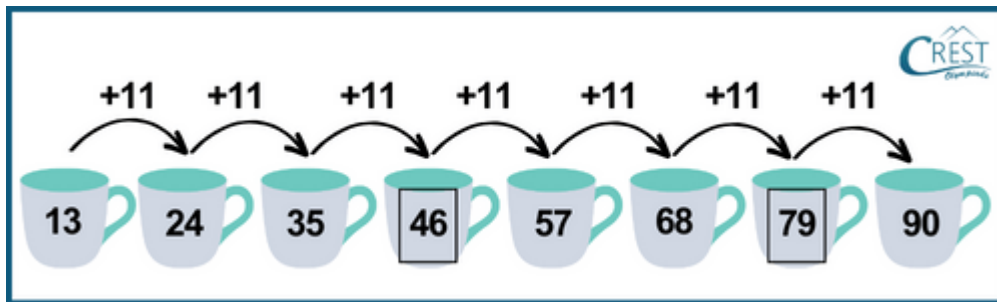


3. b - 46, 79

Explanation:

Each term is increased by 11.

The pattern is shown as:



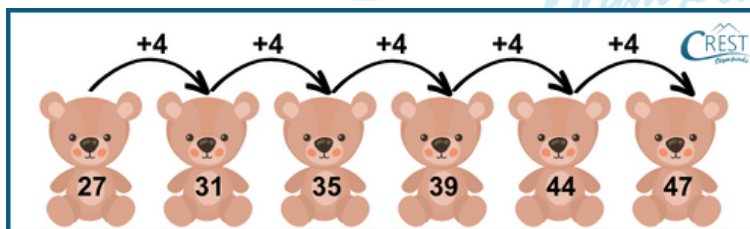
4. c -



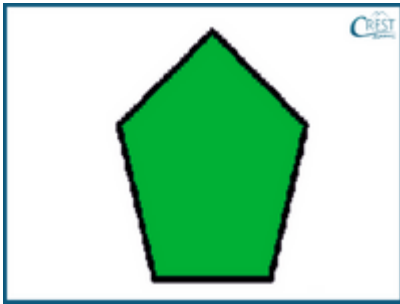
Explanation:

Each term is increased by 4.

The correct pattern is shown as:



5. c -



Explanation: There is a repetition of figures after six figures.



The next three figures are marked. Hence, the next figure is the Pentagon.

More Questions Coming Soon – Keep Learning!



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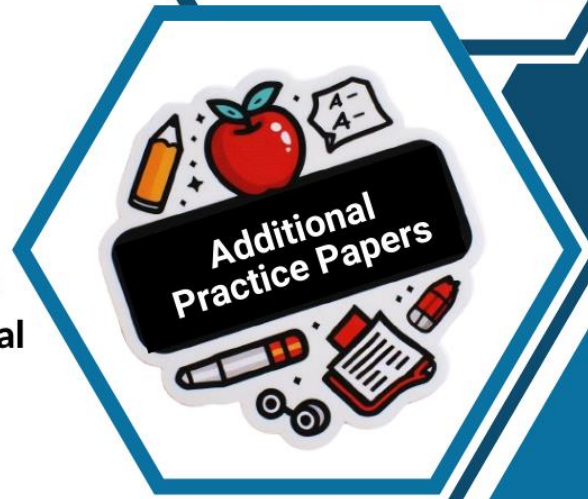
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