



CLASS : III
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DATE:
SUBJECT: MATH
L-5 PATTERN

Pre activity-Solve in textbook .

Exercise 5A

1. Look at the patterns and complete them by colouring.



Solution:

This is the repeating unit. A repeating unit means the part that is being repeated in a logical way in a given pattern.



Solution:

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2. What comes next in the given patterns? Circle the correct picture.



Solution: As per the repeating pattern, the pumpkin will come next.



Solution: As per the repeating pattern, the yellow block will come next.

3. Fill in the missing shapes to complete each pattern.
Circle the repeating units.

a. 

Solution:



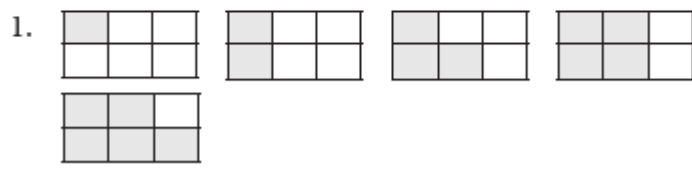
b. 

Solution:



Exercise 5B

Study the given patterns carefully and draw the image that should come next.



Solution: As per the repeating pattern, 5 squares should be coloured in the next image.



Solution: As per the repeating pattern, the line should move clockwise on the sides of the square.



Solution: As per the growing pattern, the number of triangles should increase with each image.



Solution: The number of dots on the face of dice keeps on decreasing. So, the next image will have 2 dots on the face of the dice.

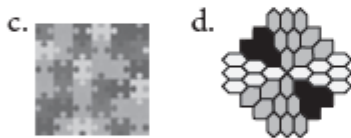
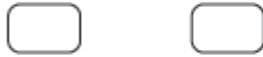
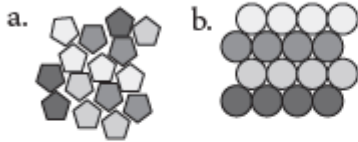


Solution: The number of rings in each image keeps on decreasing. So, the next image will have only 1 ring.

Exercise 5C

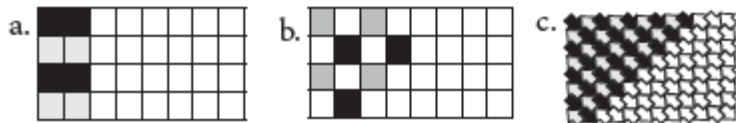
1. Tick (✓) the tiling patterns.

The patterns formed by repeating a shape again and again without overlaps or leaving any gaps are called tiling patterns.

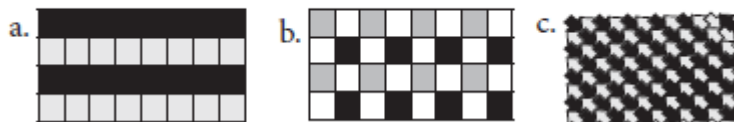


Solution: c and d

2. Observe the tiling patterns and complete them by colouring.



Solution:



- Colour 1st and 3rd rows red and 2nd and 4th rows blue.
- Colour alternate squares in 1st and 3rd rows green.
Colour alternate squares in 2nd and 4th rows red.
- Colour alternate diagonal arrows red and green.

Post Activity-Write key concept in the notebook.

S.Teacher

H.O.D.

Co-Ordinator

Principal

S.Teacher

H.O.D.

Co-Ordinator

Principal