

Addendum

BOOK

2

MATHS WISE



OXFORD

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6 Geometry	Patterns	Make/ complete geometrical patterns with two of the following attributes. <ul style="list-style-type: none">• Shape• Size• Orientation	2
	3D Shapes	Recognise and name 3-D Objects (cubes, cuboids, cylinder, cone, sphere)	4

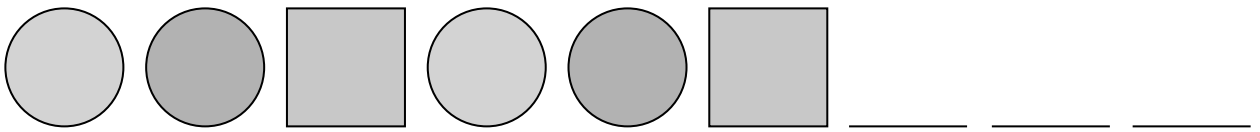
Patterns



Pattern is an arrangement of shapes, figures, and objects repeated in an order.

Look at each pattern below and draw the missing shapes.

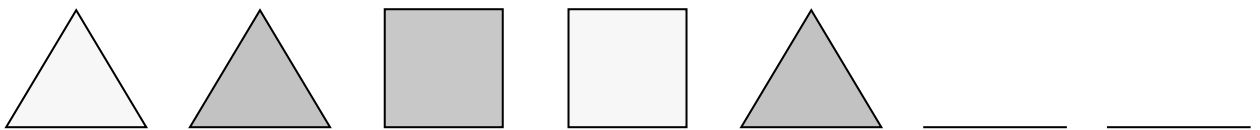
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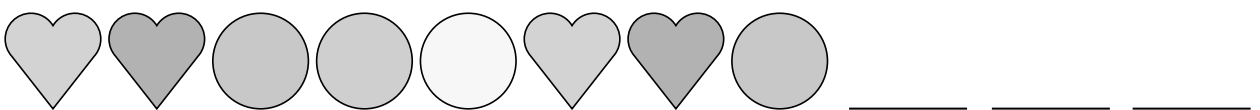
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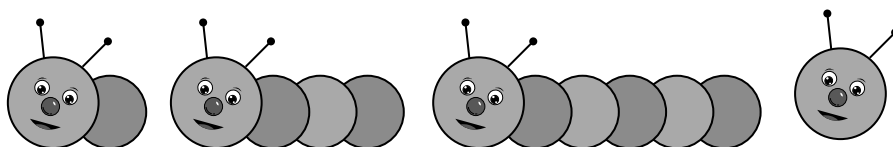


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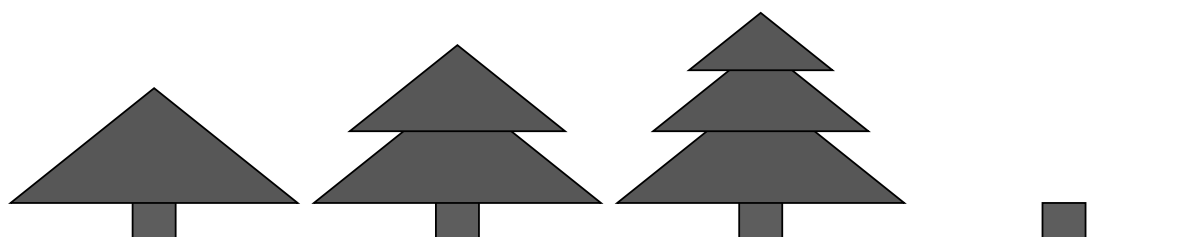


► Draw the picture that comes next in each pattern.

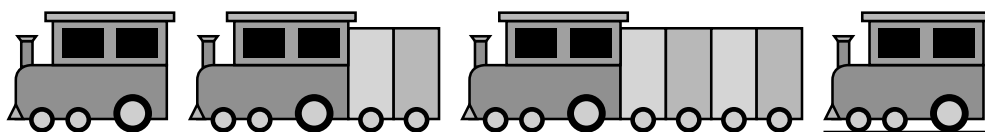
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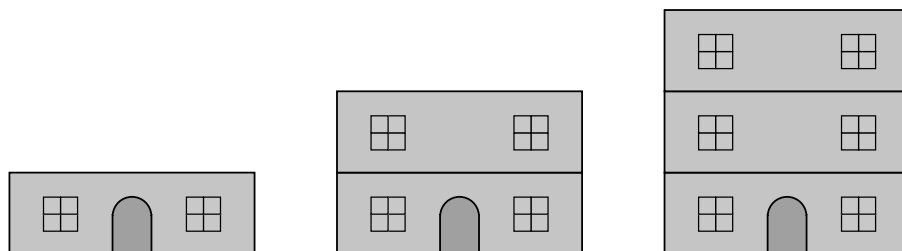
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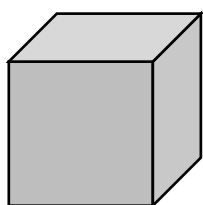


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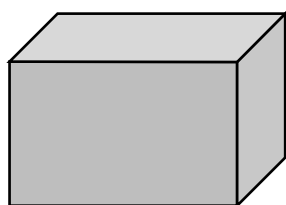


Three-dimensional (3D) objects

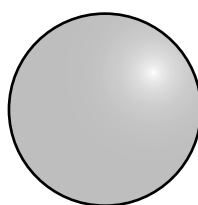
A three-dimensional shape can be defined as a solid figure or an object or shape that has three dimensions – length, width and height. Following are some three-dimensional objects.



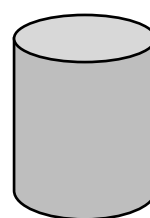
Cube



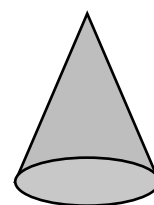
Cuboid



Sphere

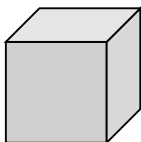
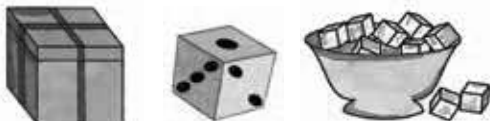
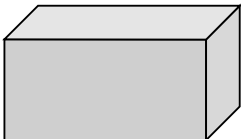

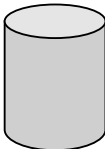

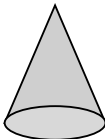

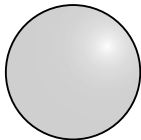
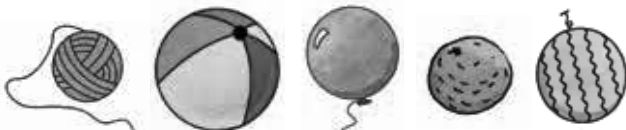


Cylinder

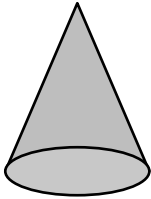
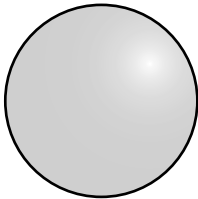

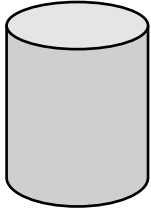
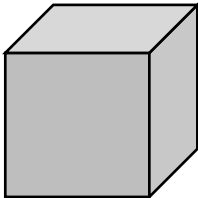


Cone

Some of the real-life 3D objects are given below.

3D object	Shape	Real-life objects
Cube		
Cuboid		
Cylinder		
Cone		
Sphere		

Properties of 3D shapes

Cone		<ul style="list-style-type: none">• 2 faces• 1 edge• 1 vertex
Sphere		<ul style="list-style-type: none">• 1 face• 0 edge• 0 vertices
Cuboid		<ul style="list-style-type: none">• 6 faces• 12 edges• 8 vertices
Cylinder		<ul style="list-style-type: none">• 3 faces• 2 edges• 0 vertices
Cube		<ul style="list-style-type: none">• 6 faces• 12 edges• 8 vertices



Maths Wise meets the objectives of the Pakistan National Mathematics Curriculum. The contents of the course meet the requirements of other mathematics curricula as well.

Mathematics has always been central to a child's education and is a vital tool in dealing with real-life problems. The main objective of this course is to present lessons in a simple but interesting manner so that students make their own discoveries with some help from the teacher. Each lesson is preceded by a practical activity that helps learning through discovery.

Key features:

- An interactive teaching method is used. Lessons include real-life, multi-sensory learning situations.
- The colourfully illustrated books are attractive to learners.
- Plenty of exercises and suggestions for extra activities are included, which provide sufficient problem-solving practice for each concept.
- Great emphasis is placed on allowing each student to learn at his/her own pace.
- Teaching Guides, which include extra worksheets, indicate how lessons can be taught in order to derive maximum learning. Suggestions for making attractive charts and a Maths Lab are also included in the Guides.

Components:

- Introductory Books 1, 2, and 3
- Books 1 - 8
- Teaching Guides for all levels (available in print as well as on OUP website.)
- Wall charts for Introductory Books 1, 2, and 3

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