

Cubes and Spheres



Targeting
Maths
Literacy

Cubes and Spheres

Contents



Cubes

2



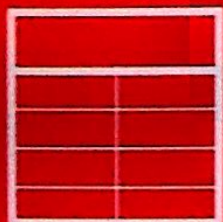
Spheres

6



**Stack or
Roll?**

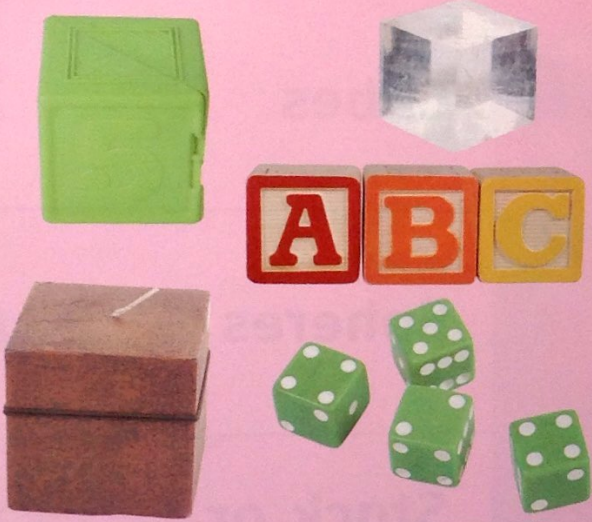
10



Table

12

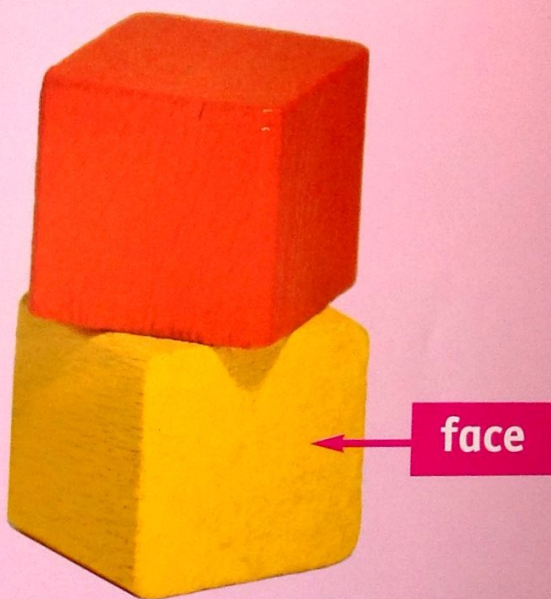
Cubes



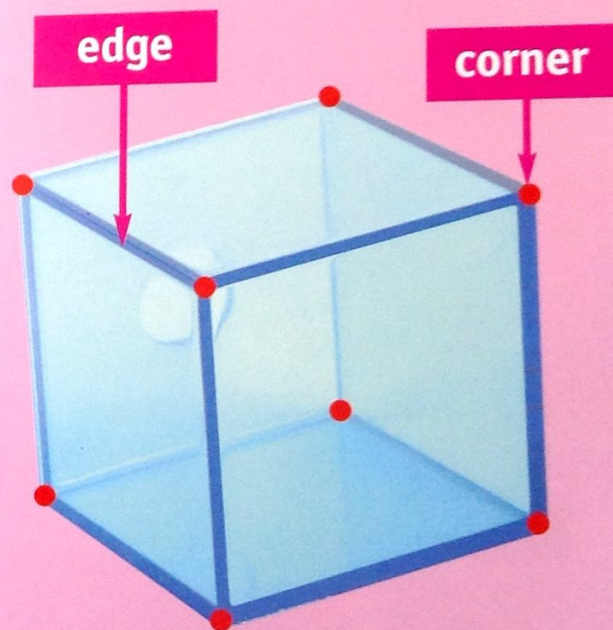
These are cubes.
Some boxes are cubes.
Blocks can be cubes.



You can stack cubes.
Cubes do not roll.



A cube has 6 square faces. The 6 square faces are all the same size.



A cube has 8 equal corners. It has 12 straight edges.

Spheres



These are spheres.
Marbles are spheres.
Balls can be spheres.



Spheres can roll.
Spheres do not stack.

curved
surface



A sphere has one
curved surface.

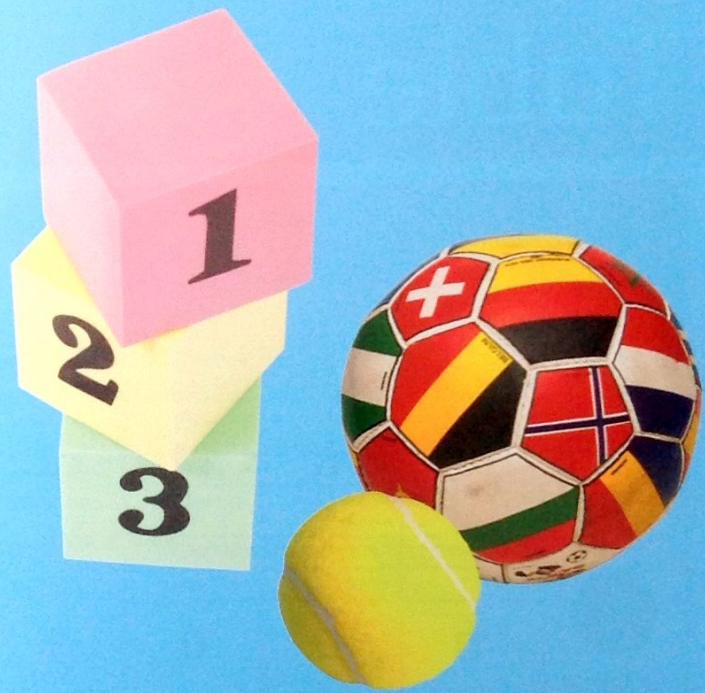


A sphere has no flat
faces, edges or corners.

Stack or Roll?


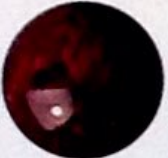


Which objects stack?
You can stack the blocks.
They are cubes.



Which objects can roll?
The balls can roll.
They are spheres.

Table

Shape	Number of Flat Faces	Number of Corners (Vertices)	Number of Edges	Number of Curved Surfaces
 Cube	6	8	12	0
 Sphere	0	0	0	1



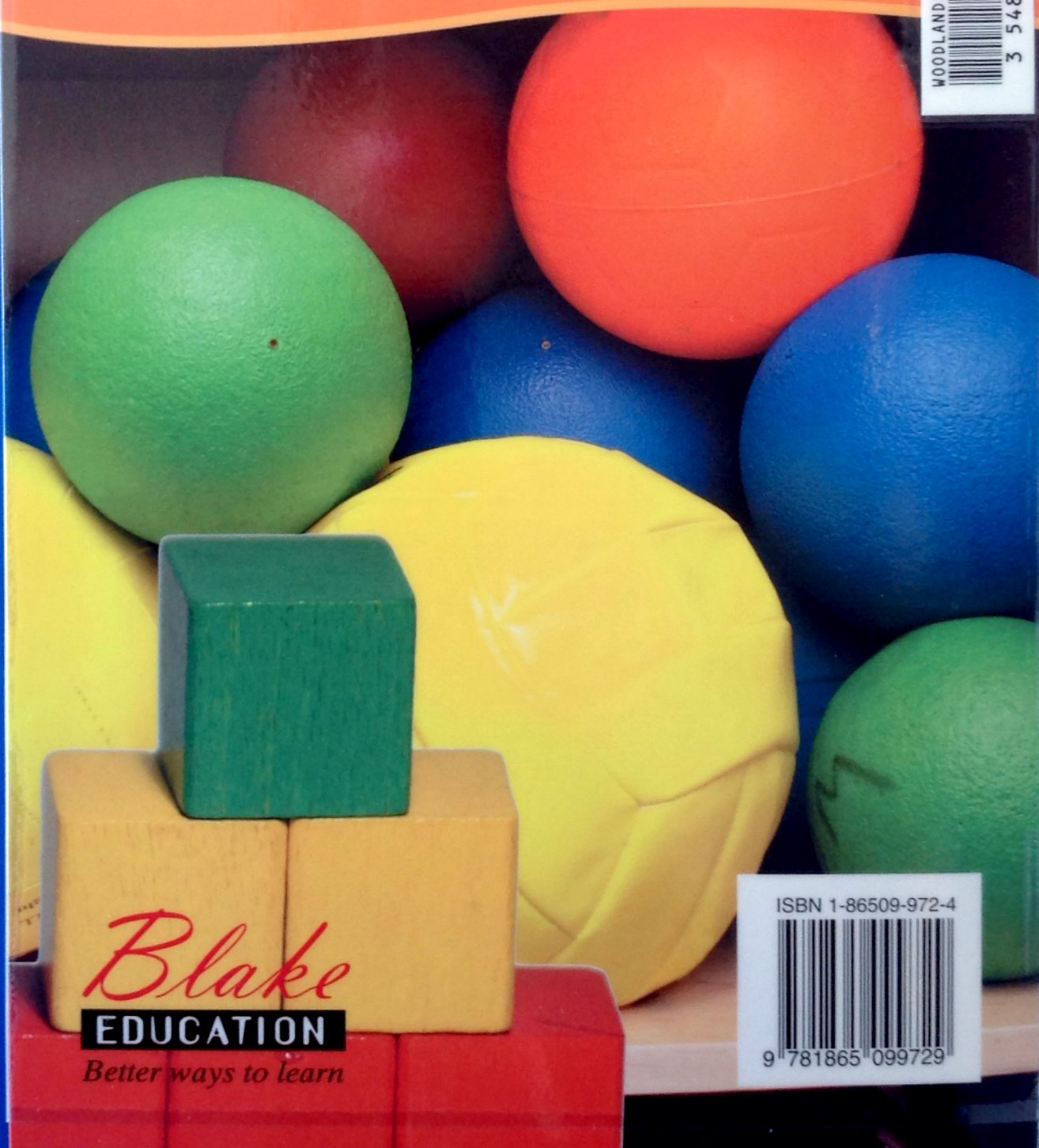
6

Cubes have corners and spheres don't. What do you know about cubes and spheres?

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