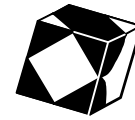


Geokiste



Materialien zum Thema Muster und Parkettierungen

Das Material beinhaltet:

Musterbögen zur Herstellung geometrischer
Legeplättchen

Musterbögen und Beschreibung zur Herstellung
geometrischer Würfel

Sechs Arbeitshefte zu den Themen:

Mit geometrischen Formen malen

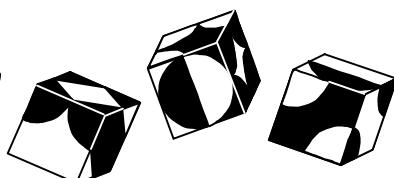
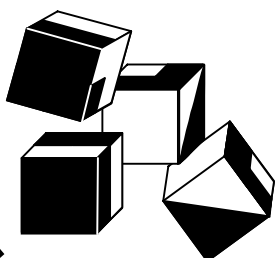
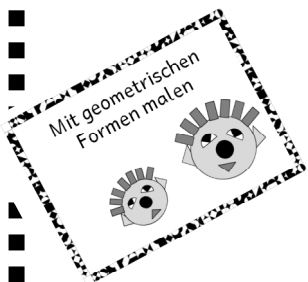
Geometrische Muster übertragen

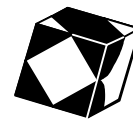
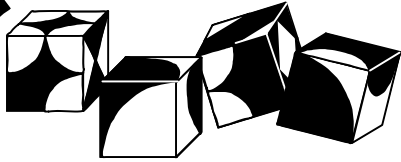
Geometrische Muster fortsetzen

Geometrische Muster spiegeln

Würfelnetze erkunden

Spiegeln im Kopf





Karteien zu folgenden Themen:



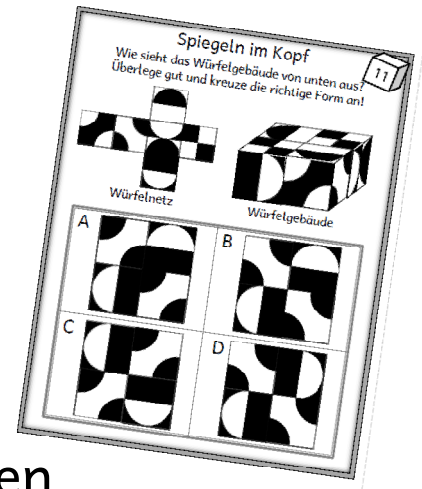
Muster nachlegen 1

Muster nachlegen 2

Muster nachlegen 3

Muster nachlegen 4

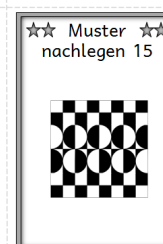
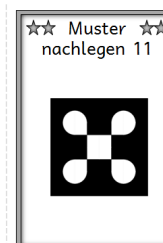
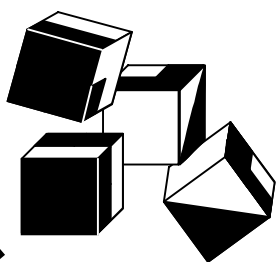
Würfelgebäude nachbauen

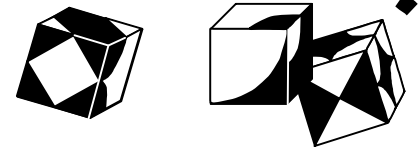
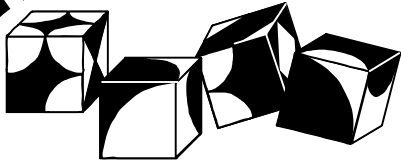


Spiegeln im Kopf

Für die Kartei "Würfelgebäude nachbauen" ist die Herstellung von mindestens sechs Würfeln einer Sorte notwendig. Für alle anderen Materialien sind die Würfel nicht zwingend erforderlich. Hier reichen auch die Legeplättchen, die sich bei den Materialien befinden.

Alle Materialien sind auch unabhängig voneinander einsetzbar.





Es folgen:

sechs Arbeitshefte zu den Themen und notwendige
Materialien

Mit geometrischen Formen malen

Geometrische Muster übertragen

Geometrische Muster fortsetzen

Geometrische Muster spiegeln

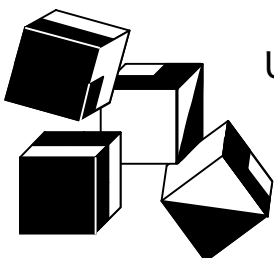
Würfelnetze erkunden

Spiegeln im Kopf

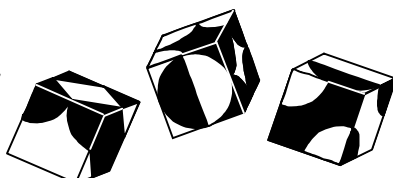
Die Hefte nach dem Kopieren in der Mitte
durchschneiden, sodass man zwei Hefte erhält.

Der Vorlagebogen wird zur Bearbeitung von Heft 1
und Heft 2 benötigt. Die Kinder stellen sich daraus

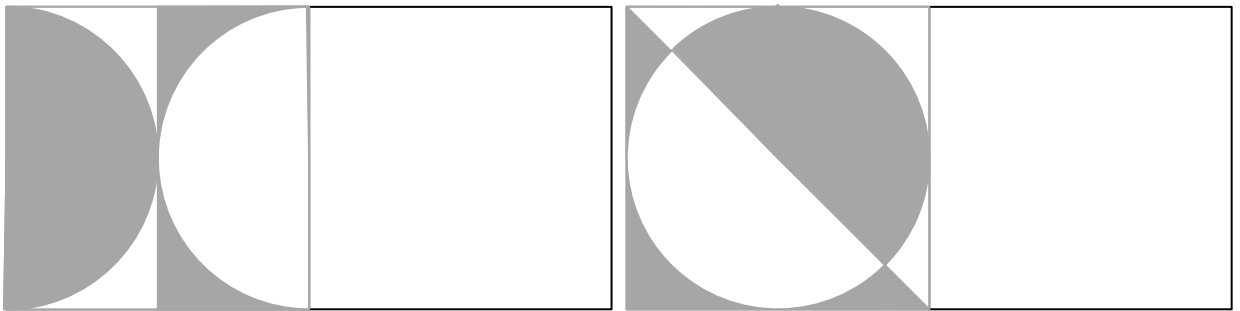
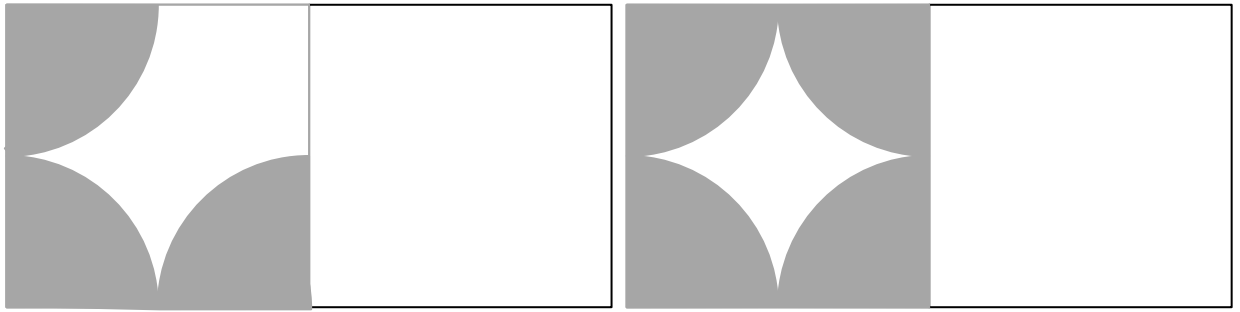
Schablonen her.



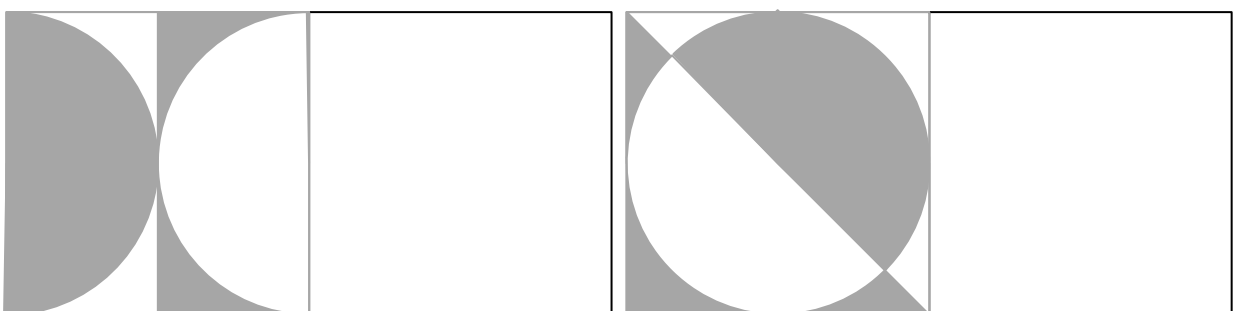
Legeplättchen, Würfel und Spiegel können zur
Unterstützung und Kontrolle eingesetzt werden.



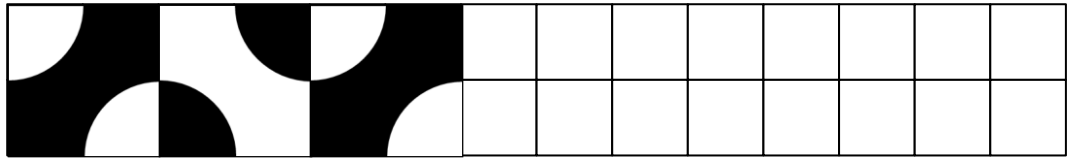
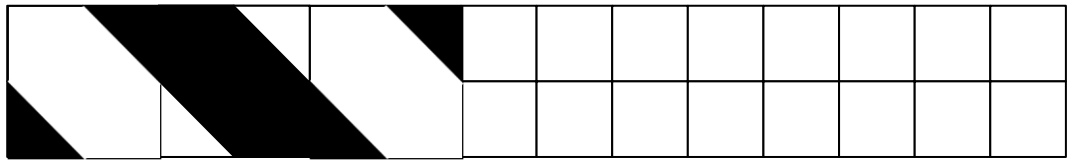
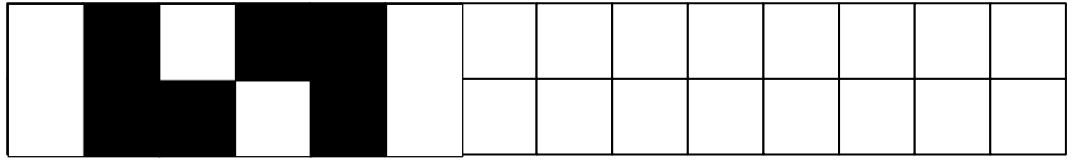
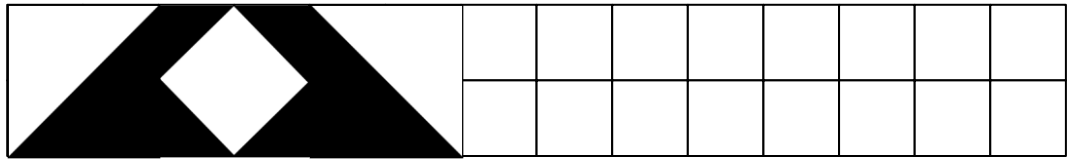
Zeichne Muster mit den Schablonen nach!



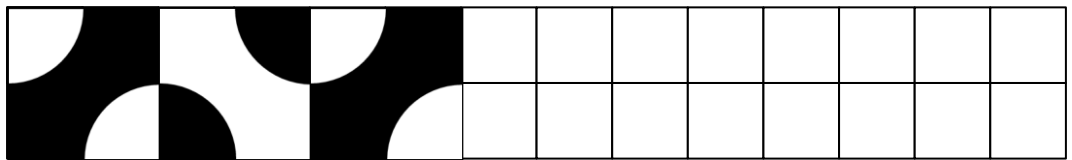
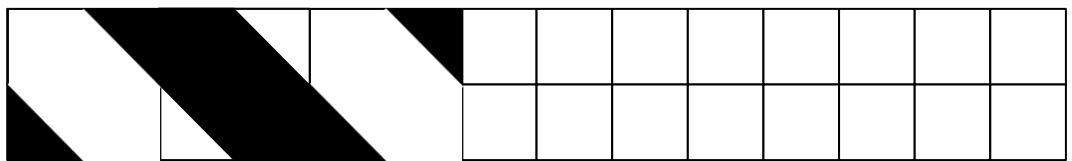
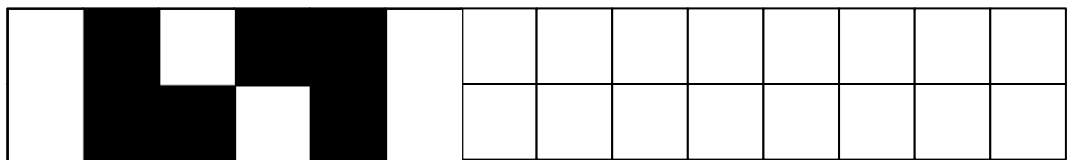
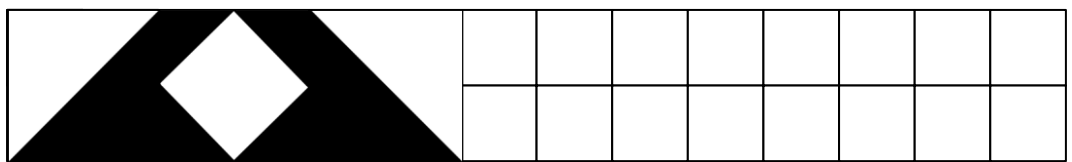
Zeichne Muster mit den Schablonen nach!



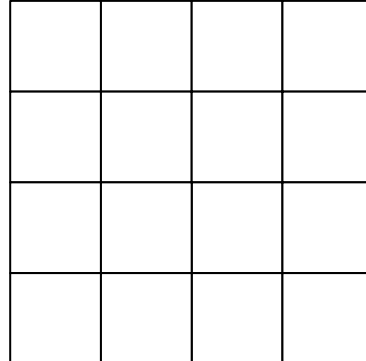
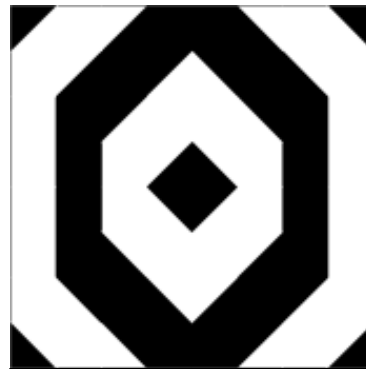
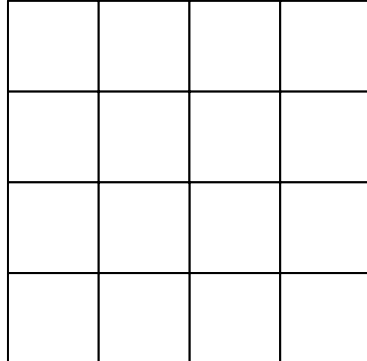
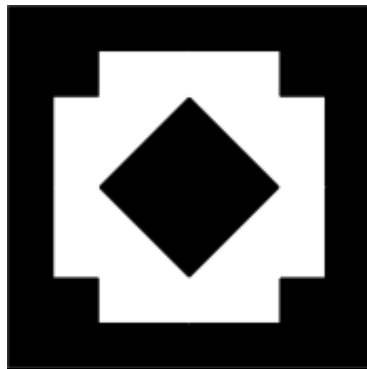
Setze die Muster richtig fort!



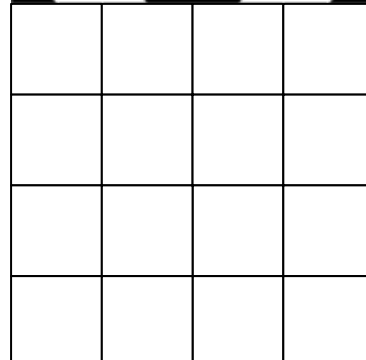
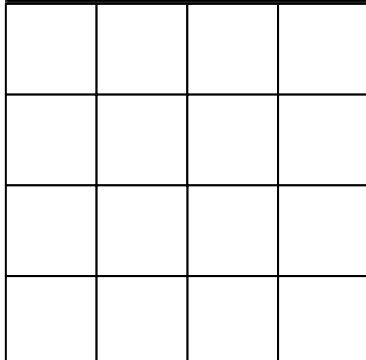
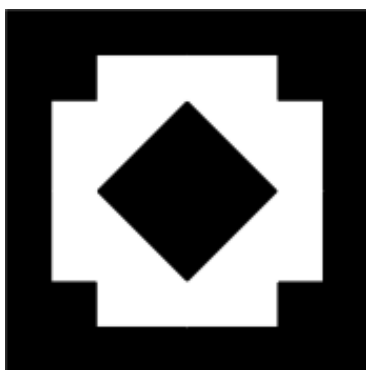
Setze die Muster richtig fort!



Spiegle das Muster!



Spiegle das Muster!



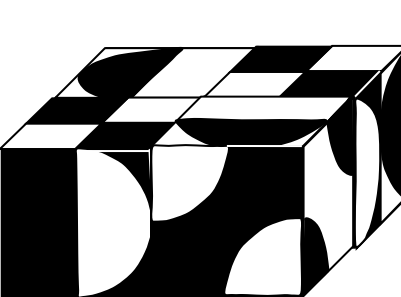
Würfelgebäude nachbauen 9



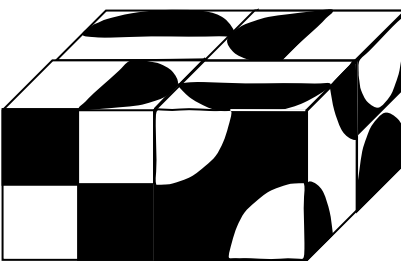
The image shows a 3D isometric drawing of a cube-like structure. The structure is composed of smaller blocks, each featuring a black and white pattern. The pattern consists of semi-circles and squares. The structure is a 2x2x2 cube, with each face showing a different arrangement of these shapes. The top face has a checkerboard pattern of squares. The front face has a pattern of semi-circles. The side face has a pattern of squares. The structure is drawn in a perspective view, showing the top, front, and side faces.



Würfelgebäude nachbauen 10



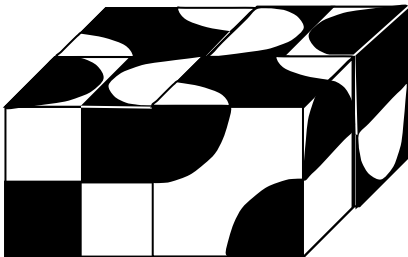
Würfelgebäude nachbauen 11



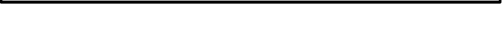
A 3D cube structure made of 27 smaller cubes, arranged in a 3x3x3 grid. The structure is shown from a perspective view. The front face is a 3x3 grid of smaller cubes, with the top row being black, white, and black, and the bottom row being white, black, and white. The top face is also a 3x3 grid, with the front row being black, white, and black, and the back row being white, black, and white. The right side face is a 3x3 grid, with the front row being black, white, and black, and the back row being white, black, and white. The structure is composed of 27 smaller cubes, with some faces being black and others white.



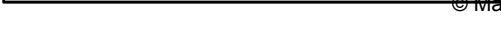
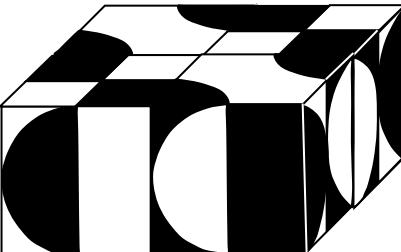
Würfelgebäude nachbauen 12

A 3D isometric drawing of a cube constructed from smaller cubes. The front face is a 3x3 grid of squares, some solid black and some white. The top and right faces also show a pattern of black and white squares. The pattern is complex, with some squares being solid black or white, and others featuring curved, organic shapes that suggest a larger, continuous design. The overall effect is a high-contrast, abstract geometric composition.

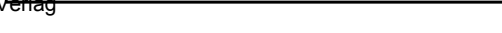
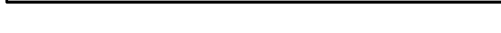
Würfelgebäude nachbauen 13

A 3D geometric drawing of a cube-like structure composed of smaller blocks. The structure is shown from an isometric perspective. The top face is black with white curved patterns. The front face is white with black curved patterns. The right face is black with white curved patterns. The structure is composed of several smaller blocks, some of which are visible on the top and front faces. The overall design is a complex geometric pattern.

Würfelgebäude nachbauen 14



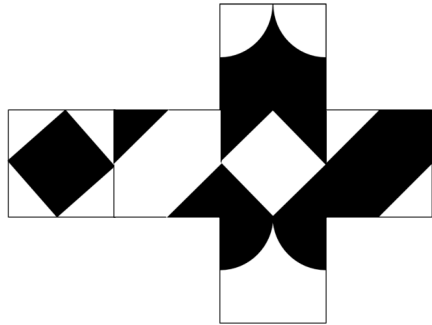
Würfelgebäude nachbauen 15

[illegible]

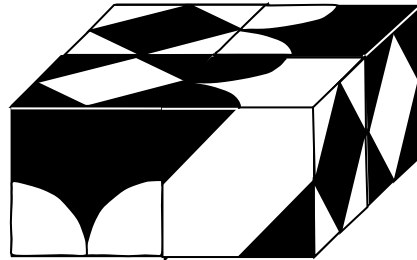
Spiegeln im Kopf

5

Wie sieht das Würfelgebäude von unten aus?
Überlege gut und kreuze die richtige Form an!

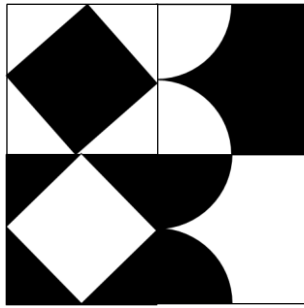


Würfelnetz

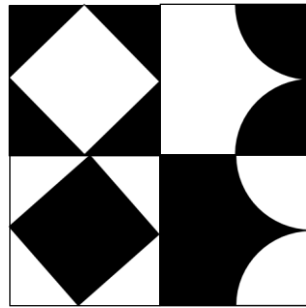


Würfelgebäude

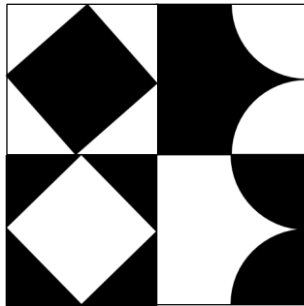
A



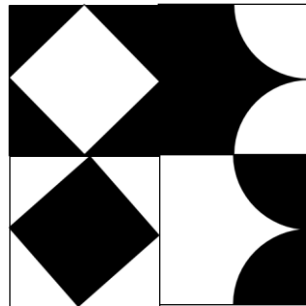
B



C



D

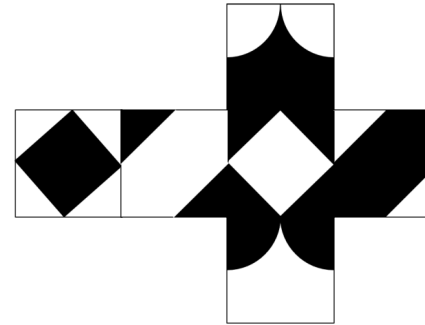


Lösung: D

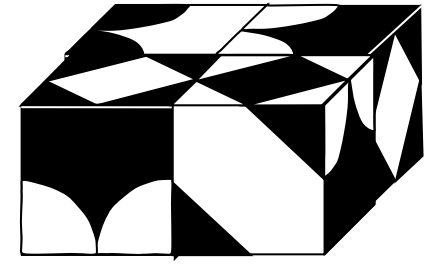
Spiegeln im Kopf

6

Wie sieht das Würfelgebäude von unten aus?
Überlege gut und kreuze die richtige Form an!

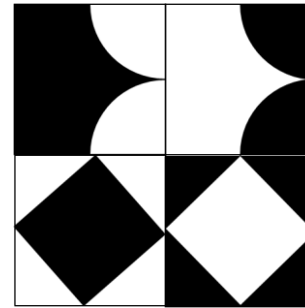


Würfelnetz

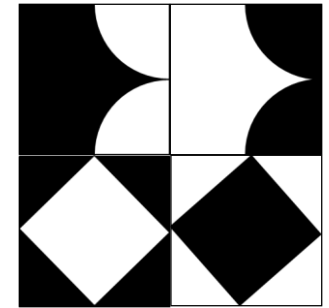


Würfelgebäude

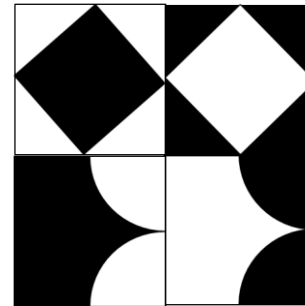
A



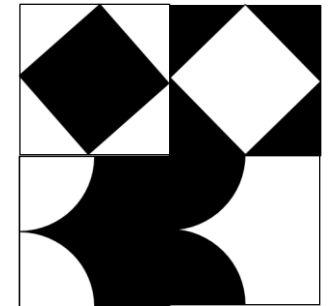
B



C



D



Lösung: A