

# 3D Drawing

## Easy Step-by-Step Guide

Shapes • Letters • Optical Illusions • Draw It on Paper



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[BoredomWizard.com](http://BoredomWizard.com) • Free 3D Drawing Practice Pack

# ✧ The Light-Source Method ✧

(MASTER DIAGRAM)



Light  
Source



①

Flat  
square

②

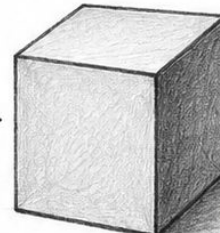
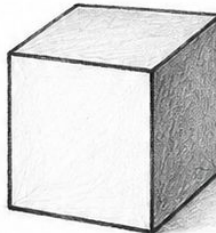
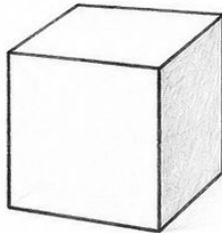
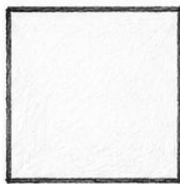
Add  
depth

③

Shade  
one side

④

Cast  
shadow



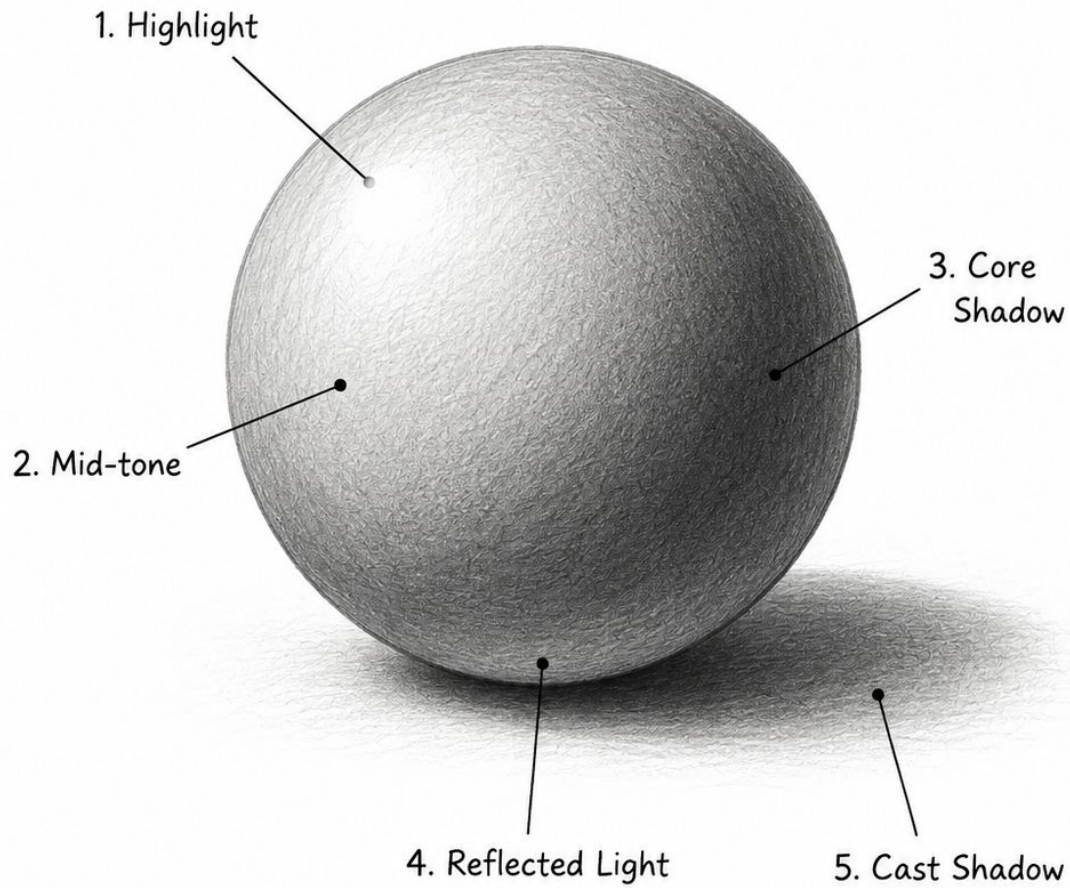
Light is coming from the top-left.  
So the top is light, the right side is dark,  
and the shadow falls to the bottom-right.

## The Light-Source Method

# ✧ Light & Shadow ✧

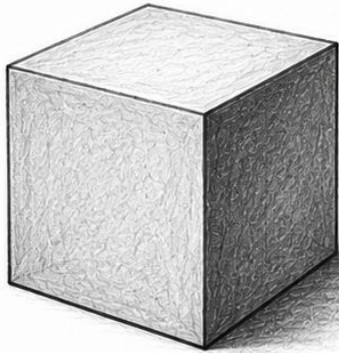
## SHADING KEY

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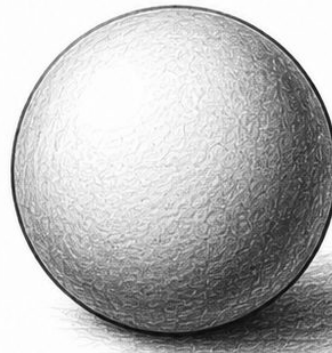


## Light & Shadow Shading Key

# 6 Basic 3D Shapes



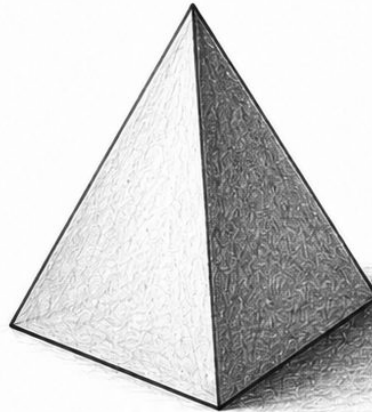
Cube



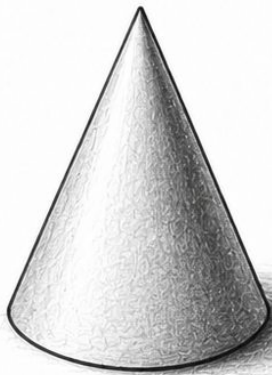
Sphere



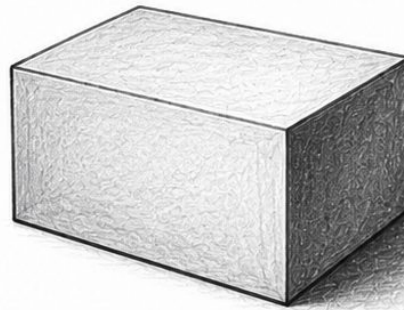
Cylinder



Pyramid



Cone



Rectangular Box

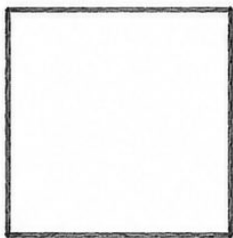
## **The 6 Basic 3D Shapes**

# ✧ 3D Cube ✧

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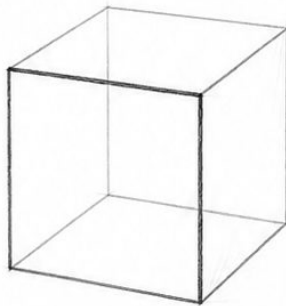
①

Square



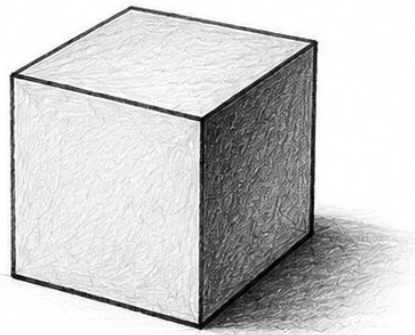
②

Add the  
box lines



③

Shade it



Light is coming from the top-left.

So the top is light, the right side is dark,  
and the shadow falls to the bottom-right.

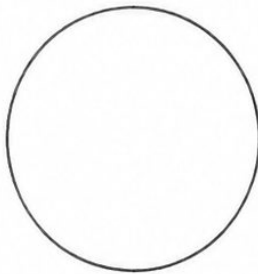
## How to Draw a 3D Cube

# ✧ 3D Sphere ✧

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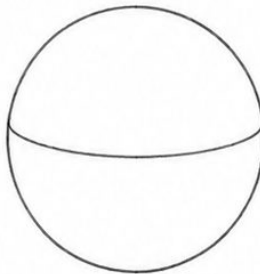
①

Circle



②

Add the  
guide line



③

Shade the ball



Light is coming from the top-left.

So the top-left is light, the bottom-right is dark, and the shadow falls to the right.

## How to Draw a 3D Sphere

# ✧ 3D Cylinder ✧

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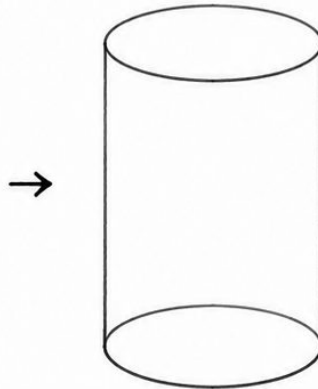
①

Two ovals



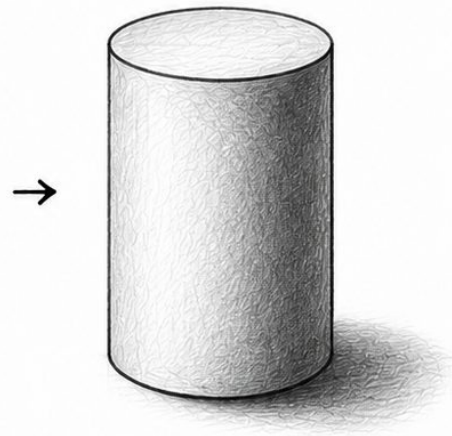
②

Join the sides



③

Shade it



Light is coming from the top-left.  
So the top-left is light, the right side is darker,  
and the shadow falls to the bottom-right.

## How to Draw a 3D Cylinder

# How to Draw a 3D Pyramid

①

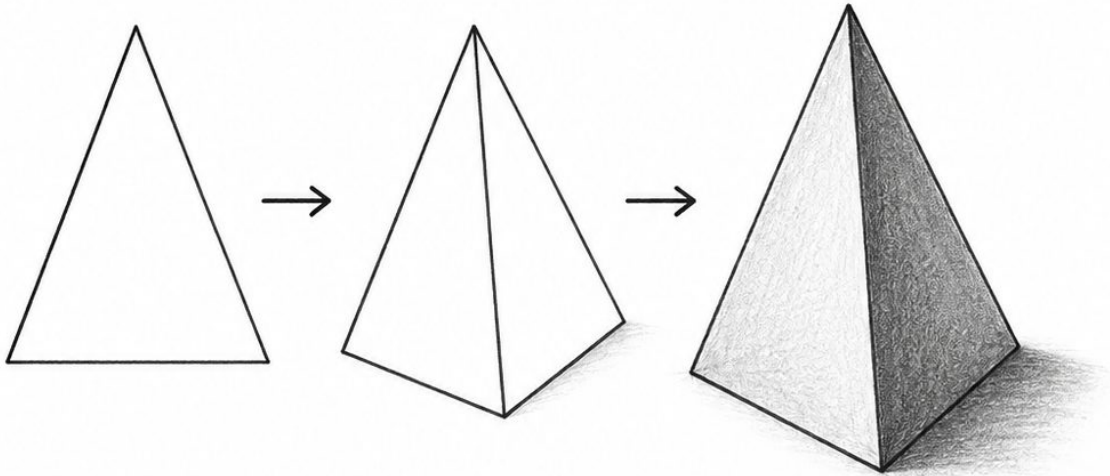
1 Triangle

②

2 Add the side

③

3 Shade it



**How to Draw a 3D Pyramid**

# How to Draw a 3D Cone

①

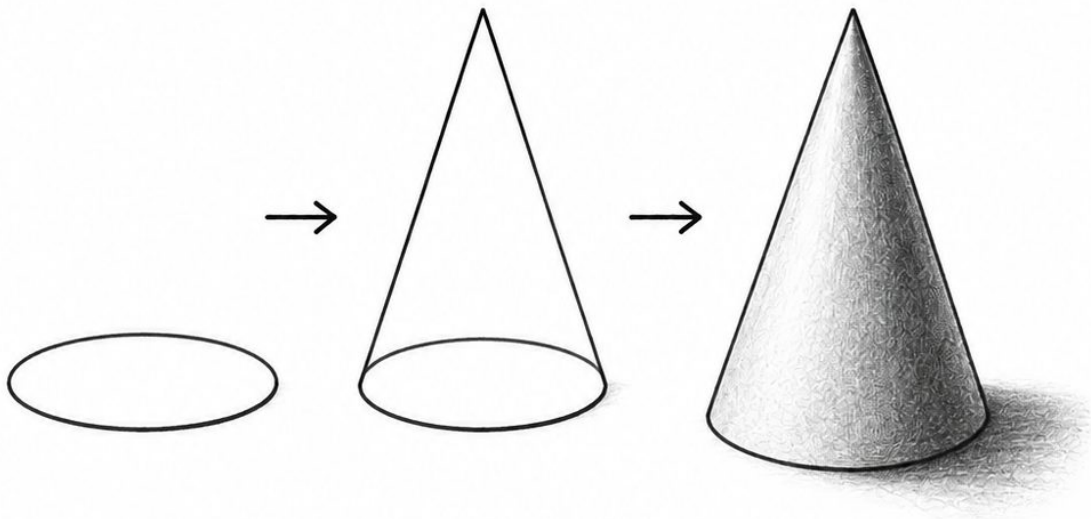
1 Oval base

②

2 Add the point

③

3 Shade it



**How to Draw a 3D Cone**

# How to Draw 3D Letters

①

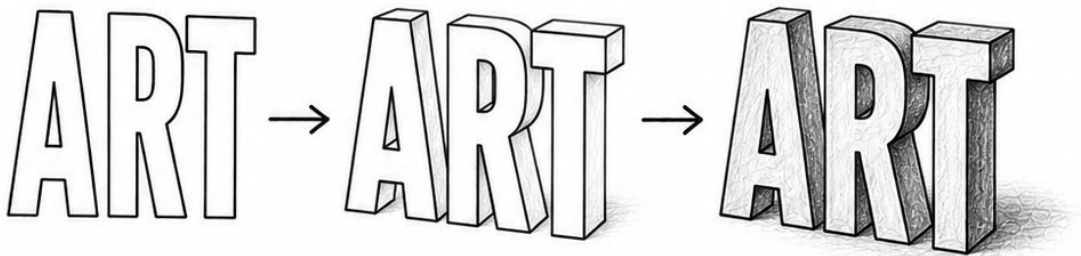
1 Flat letters

②

2 Pull out the depth

③

3 Shade the sides



## How to Draw 3D Letters

# How to Draw a 3D Heart

①

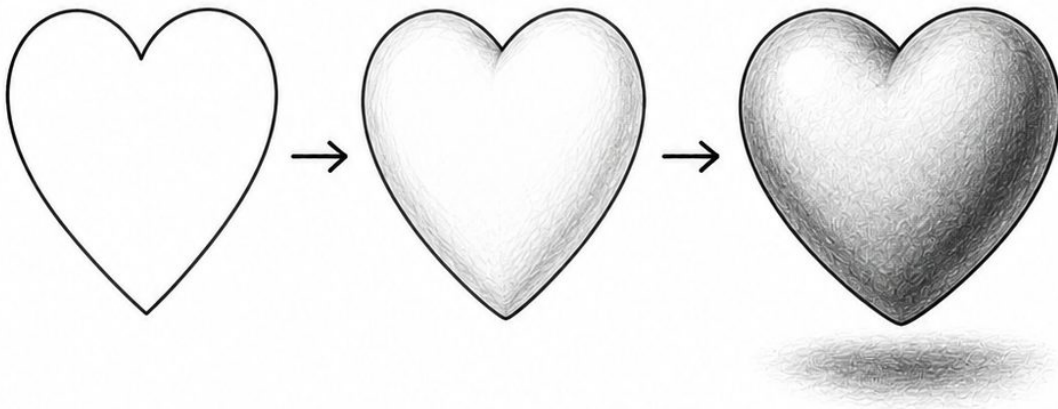
1 Heart outline

②

2 Round it out

③

3 Shade it

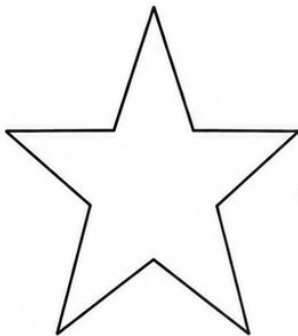


**3D Heart**

# How to Draw a 3D Star

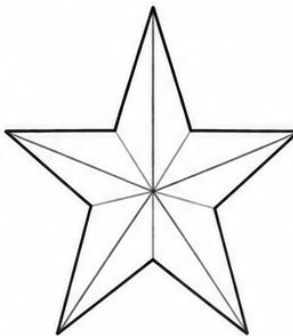
①

1 Star outline



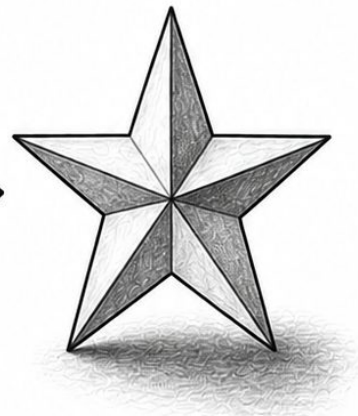
②

2 Add centre lines  
to each point

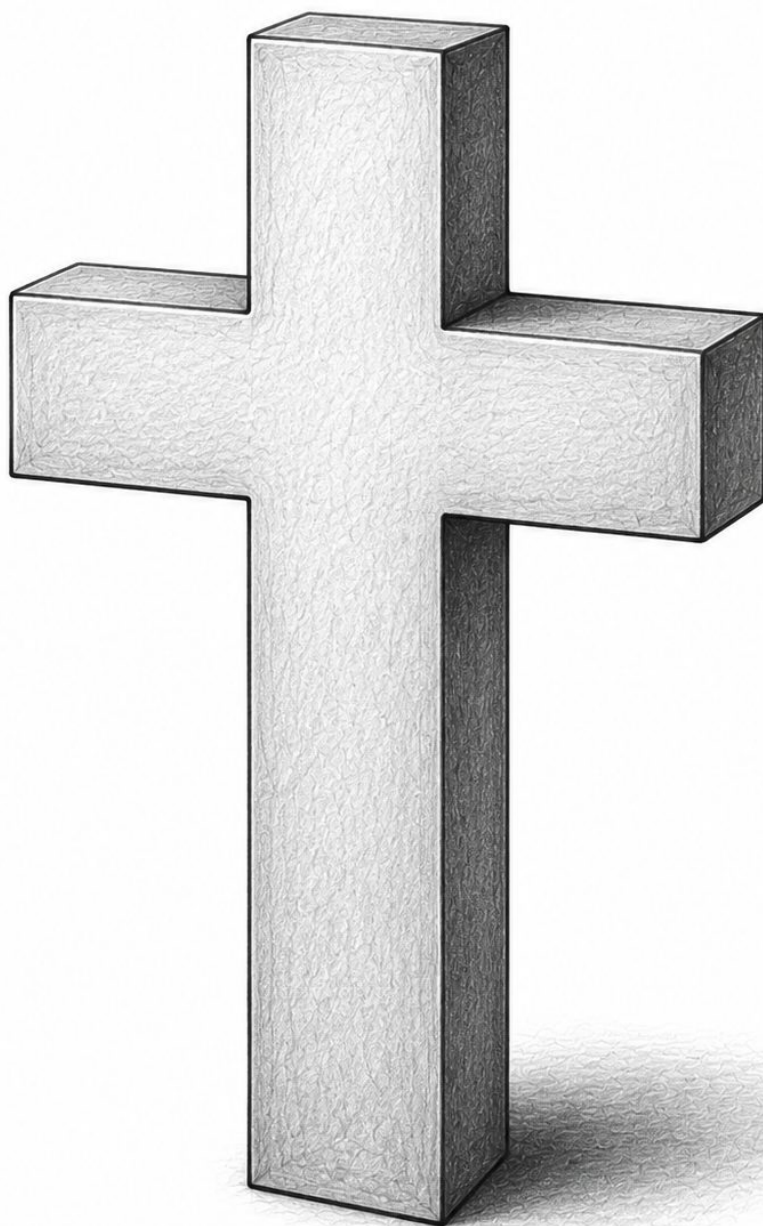


③

3 Shade alternate  
faces



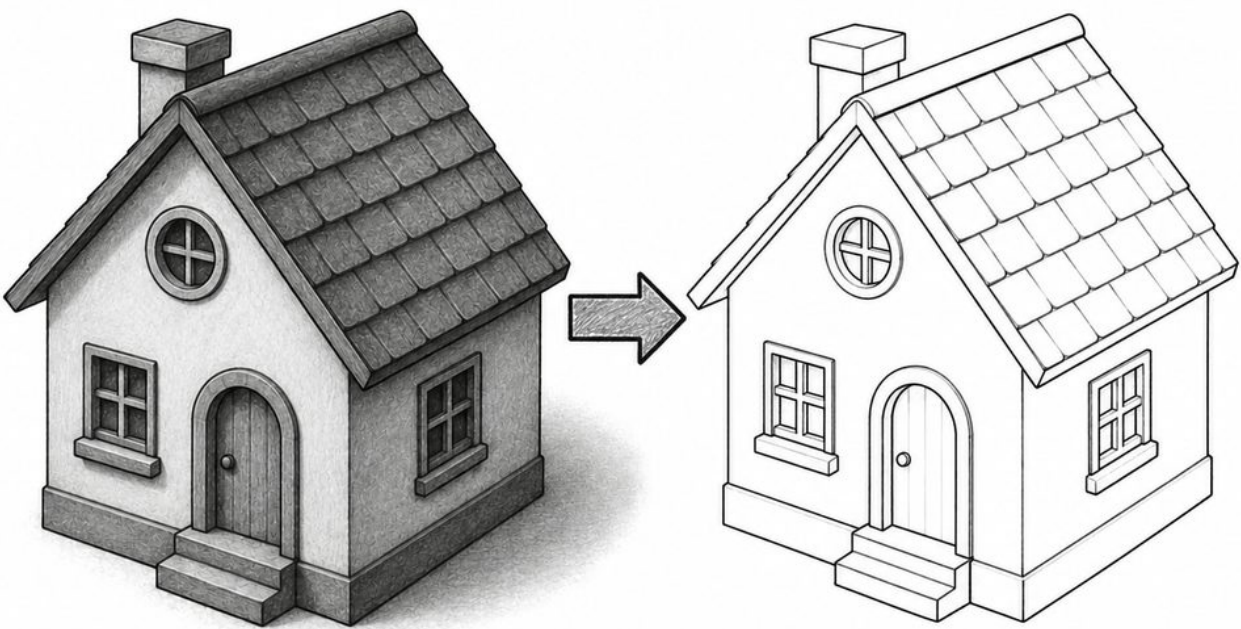
**3D Star**



## 3D Cross



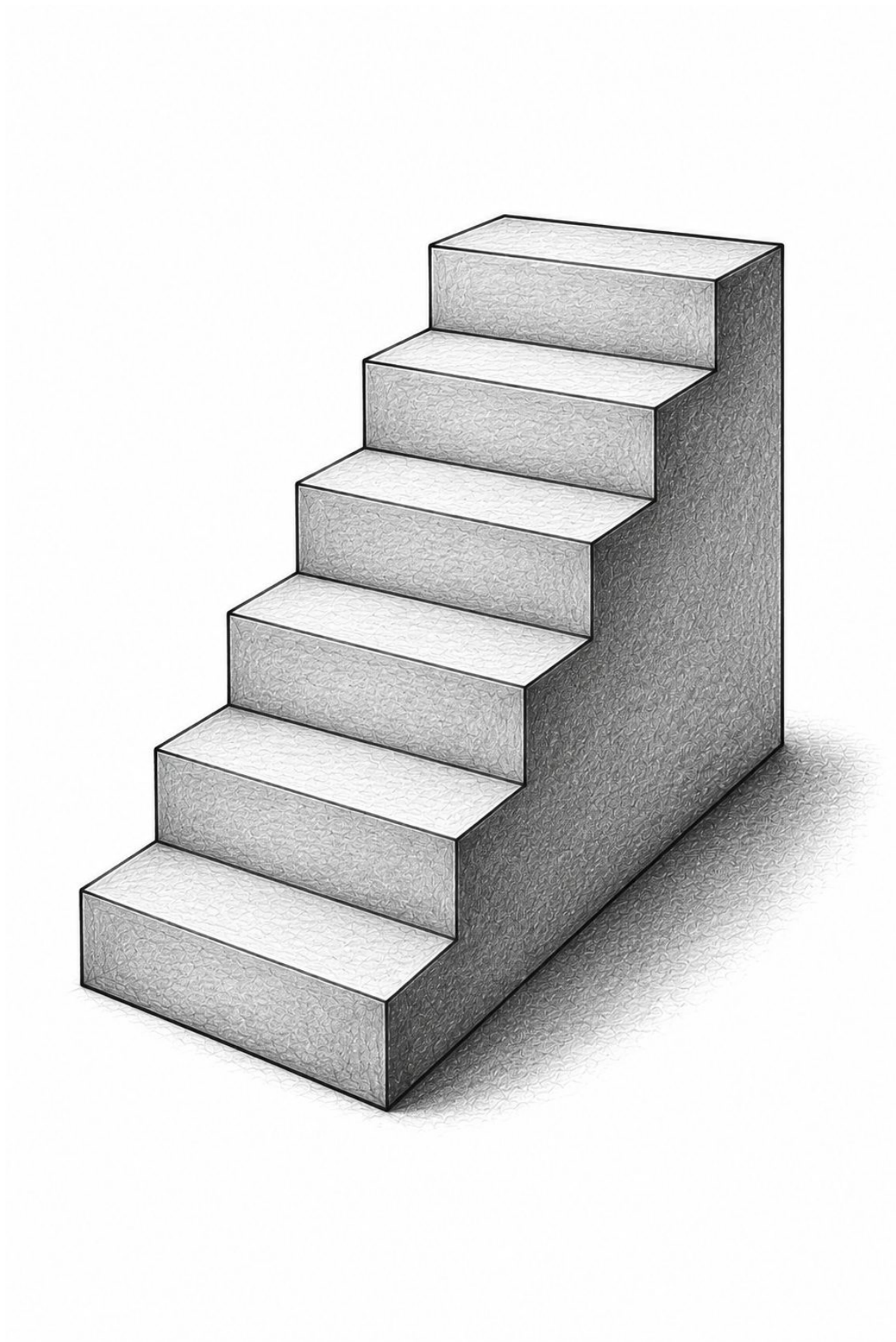
## 3D Cake



## 3D House



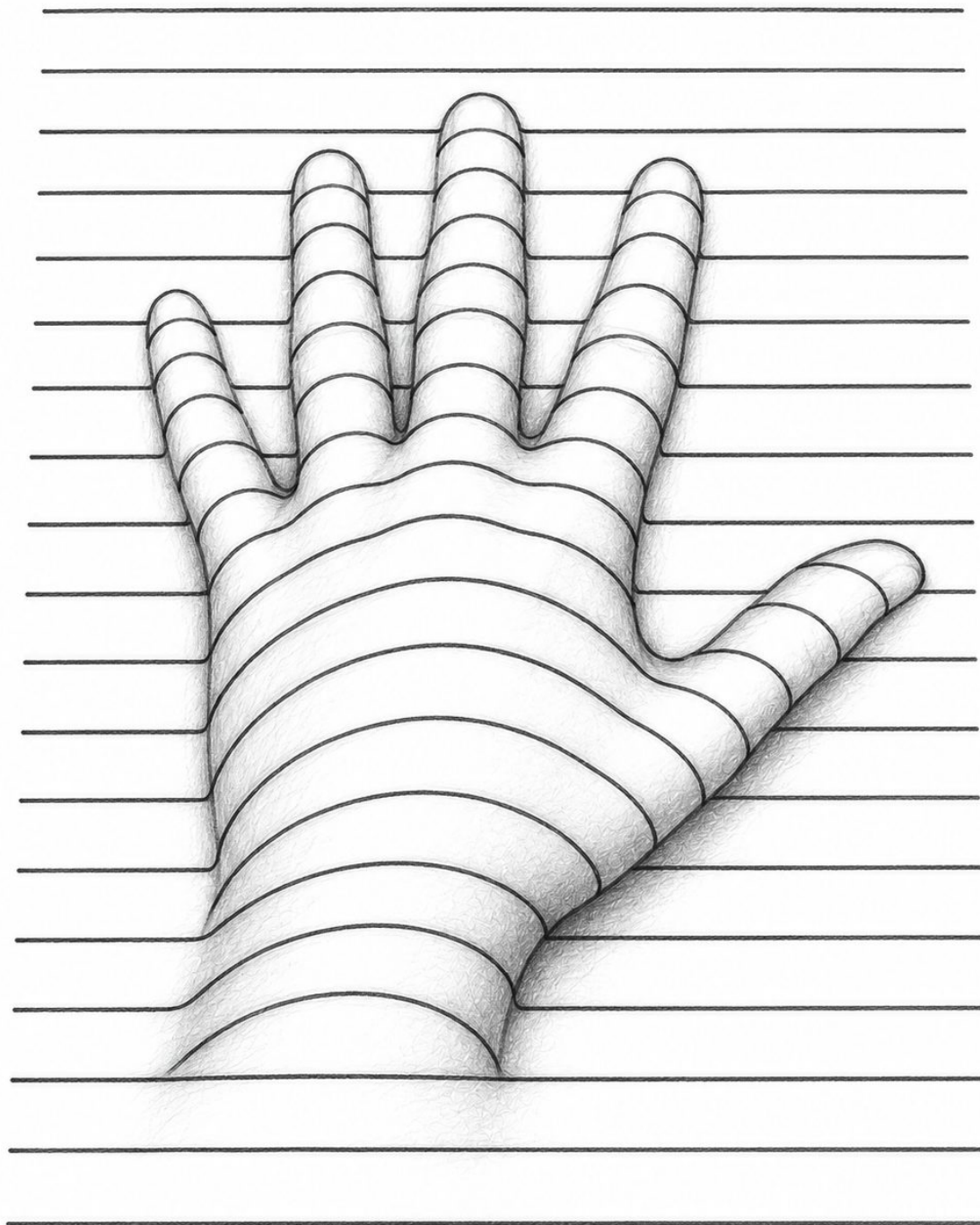
## 3D Car



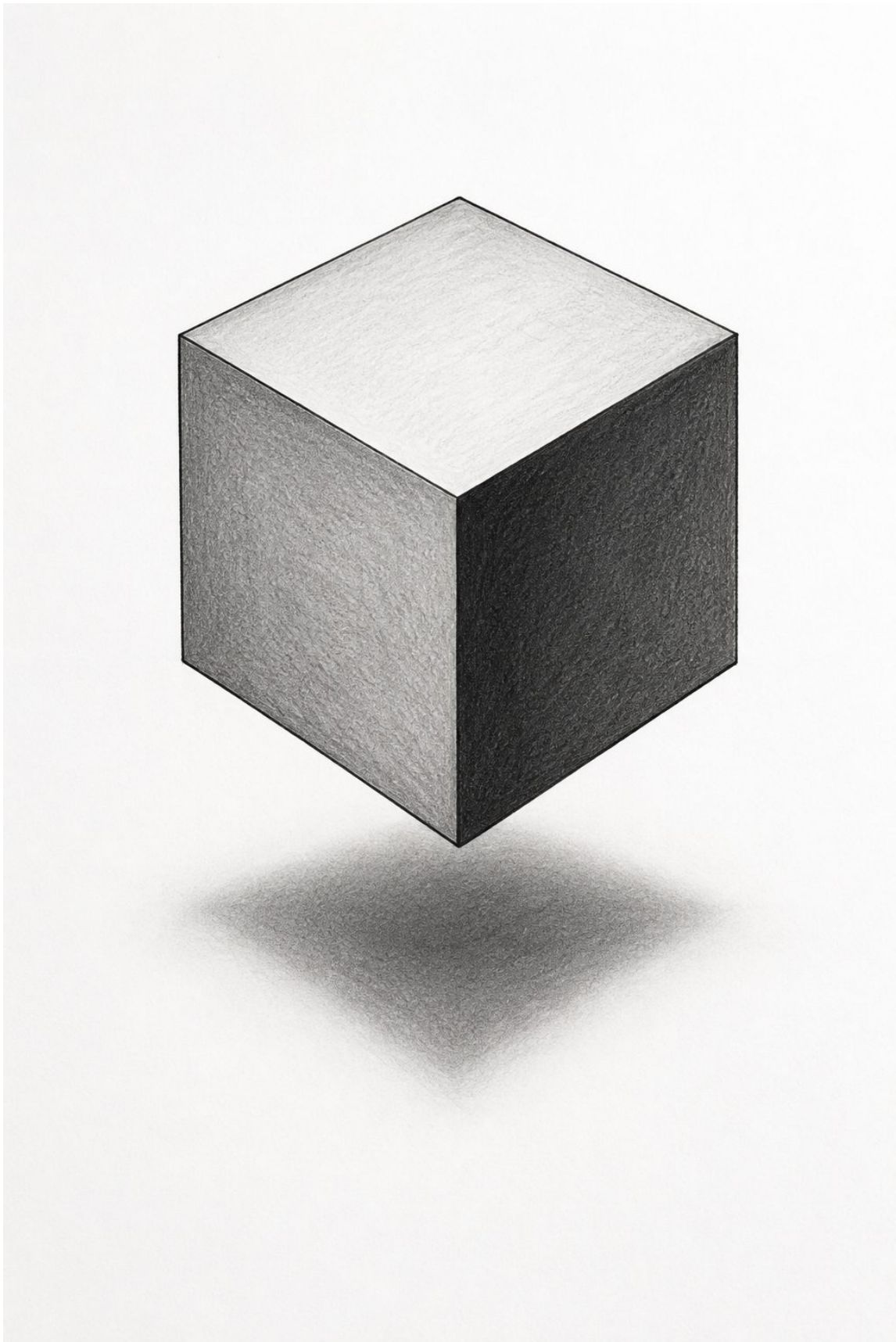
## 3D Stairs



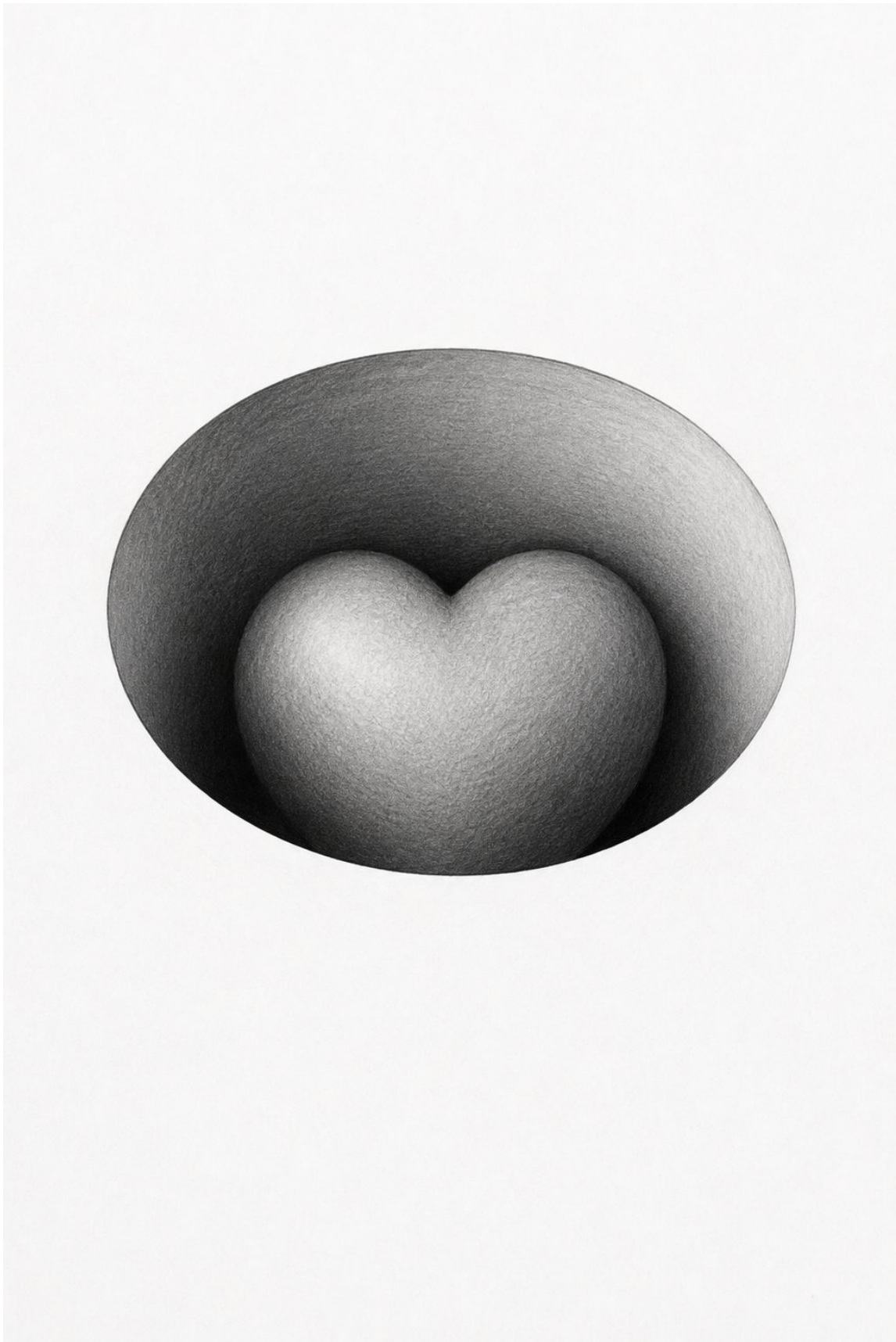
## 3D Hole in Paper



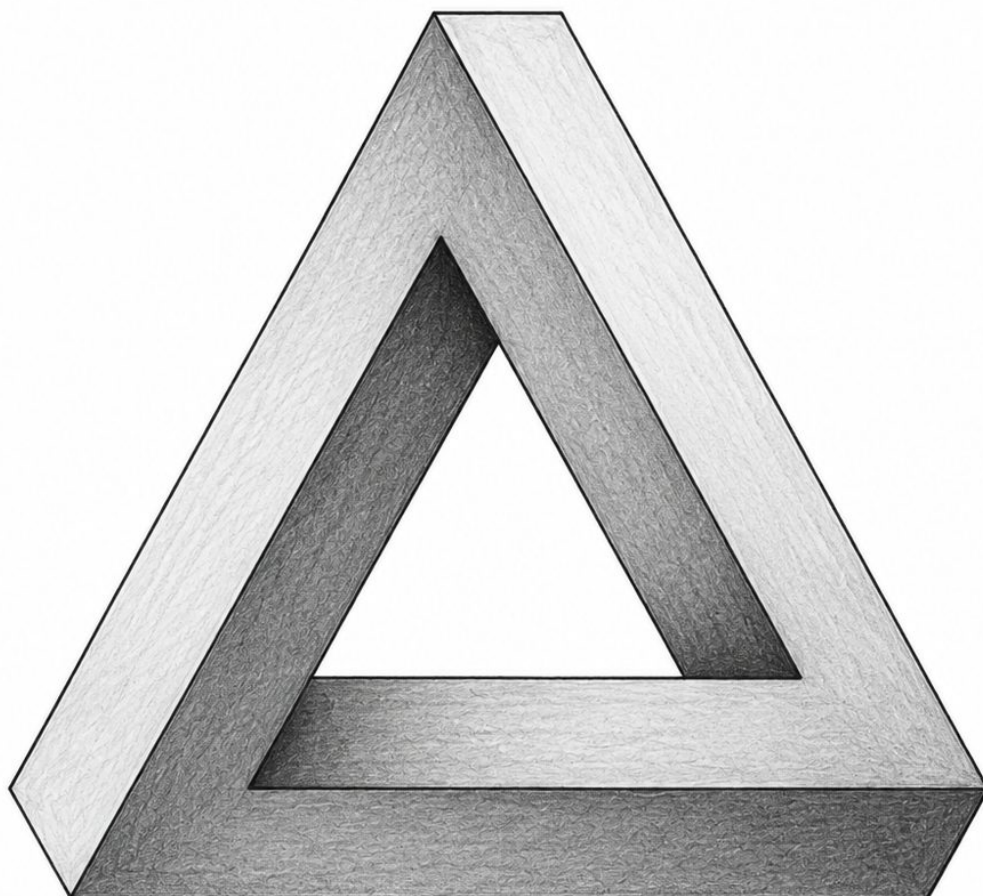
## 3D Hand Illusion



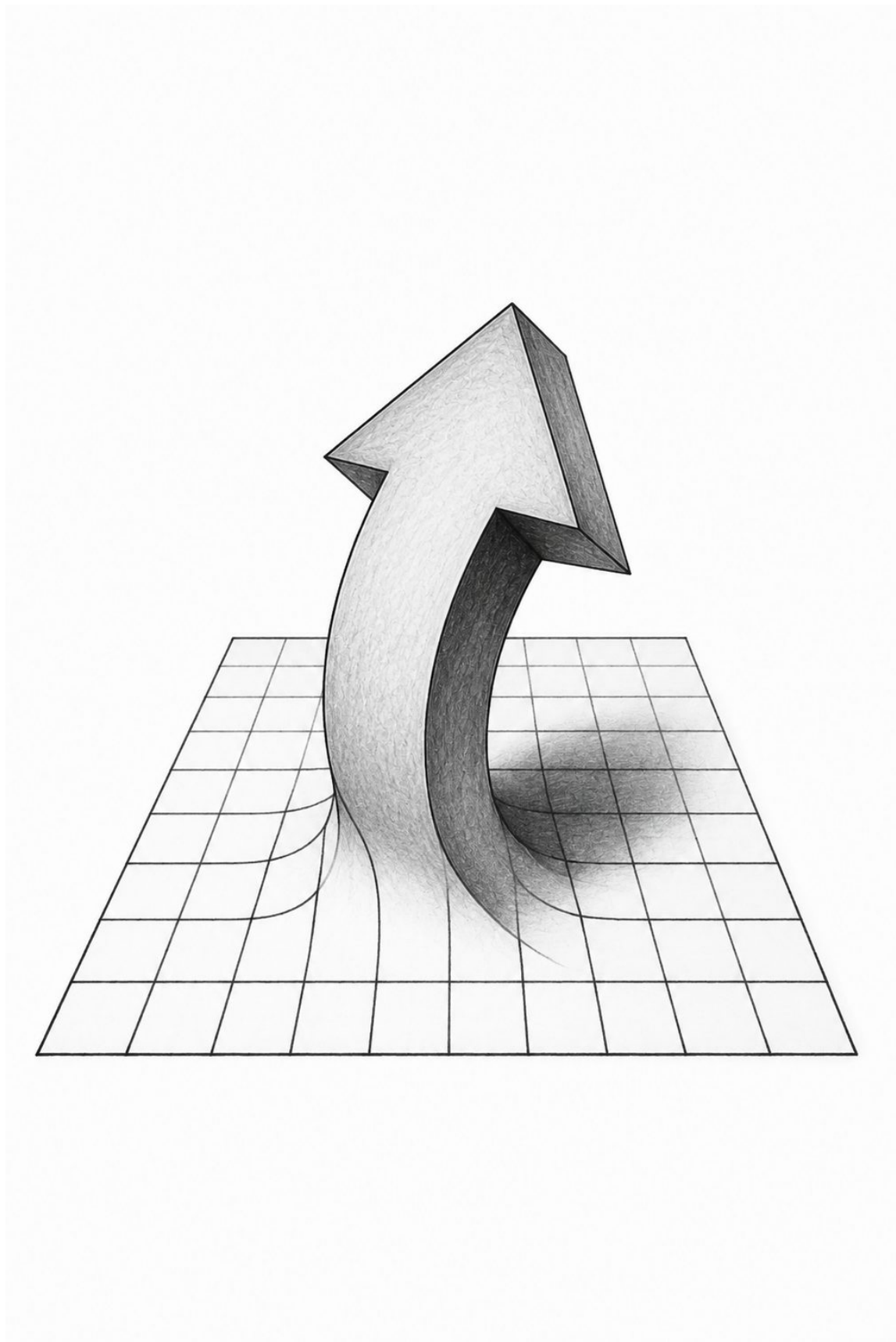
## Floating 3D Cube Illusion



## Heart in a Hole Illusion

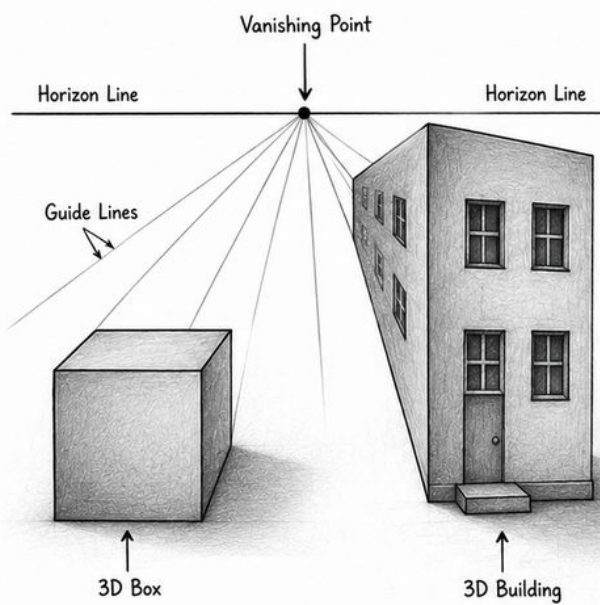


## The Impossible Triangle

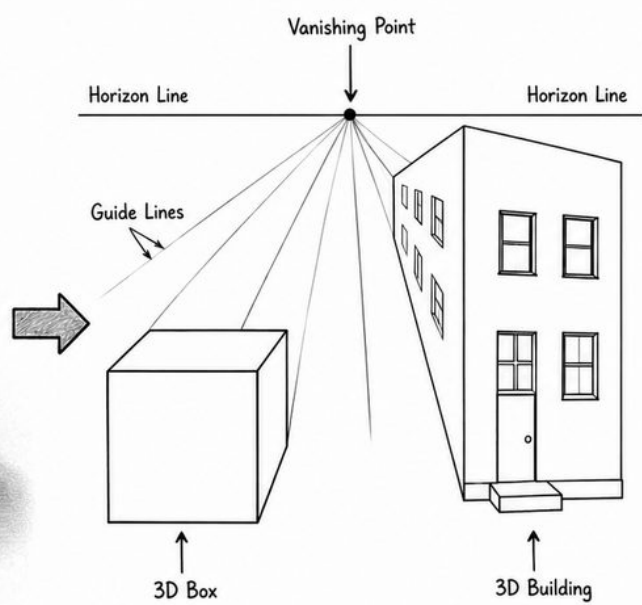


## Anamorphic Jumping Shape

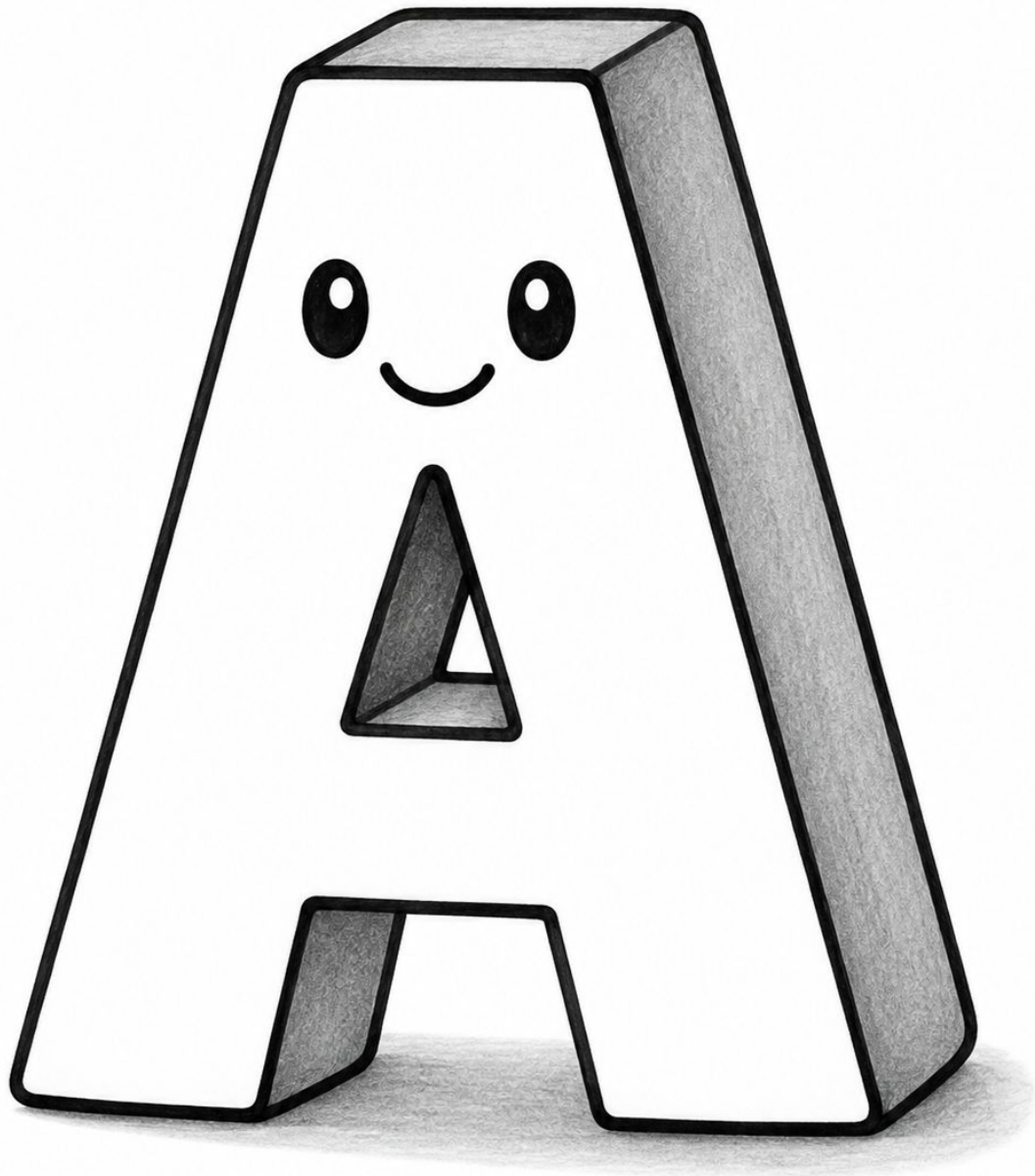
## ONE-POINT PERSPECTIVE



## ONE-POINT PERSPECTIVE



## One-Point Perspective 3D



## Easy 3D for Kids