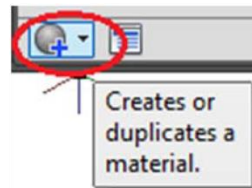
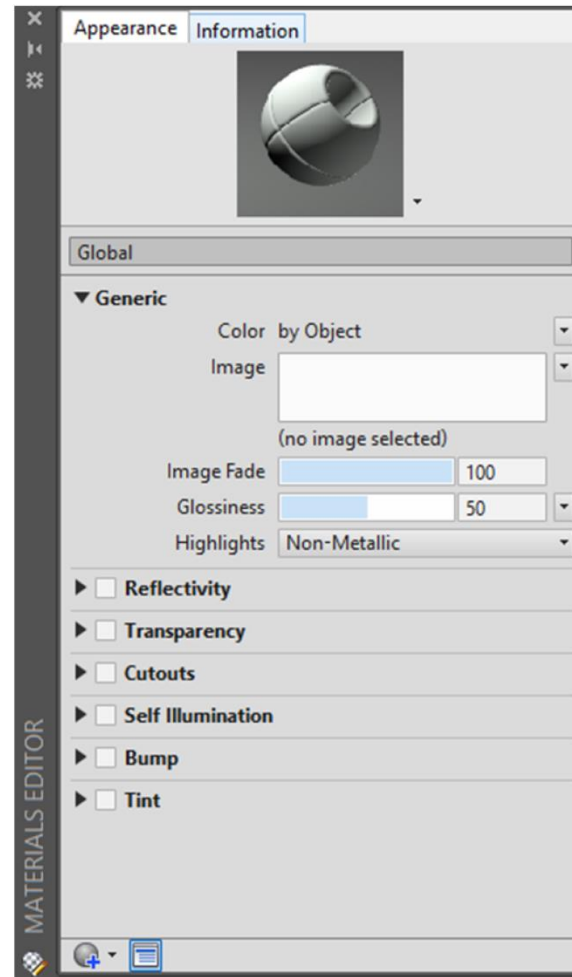
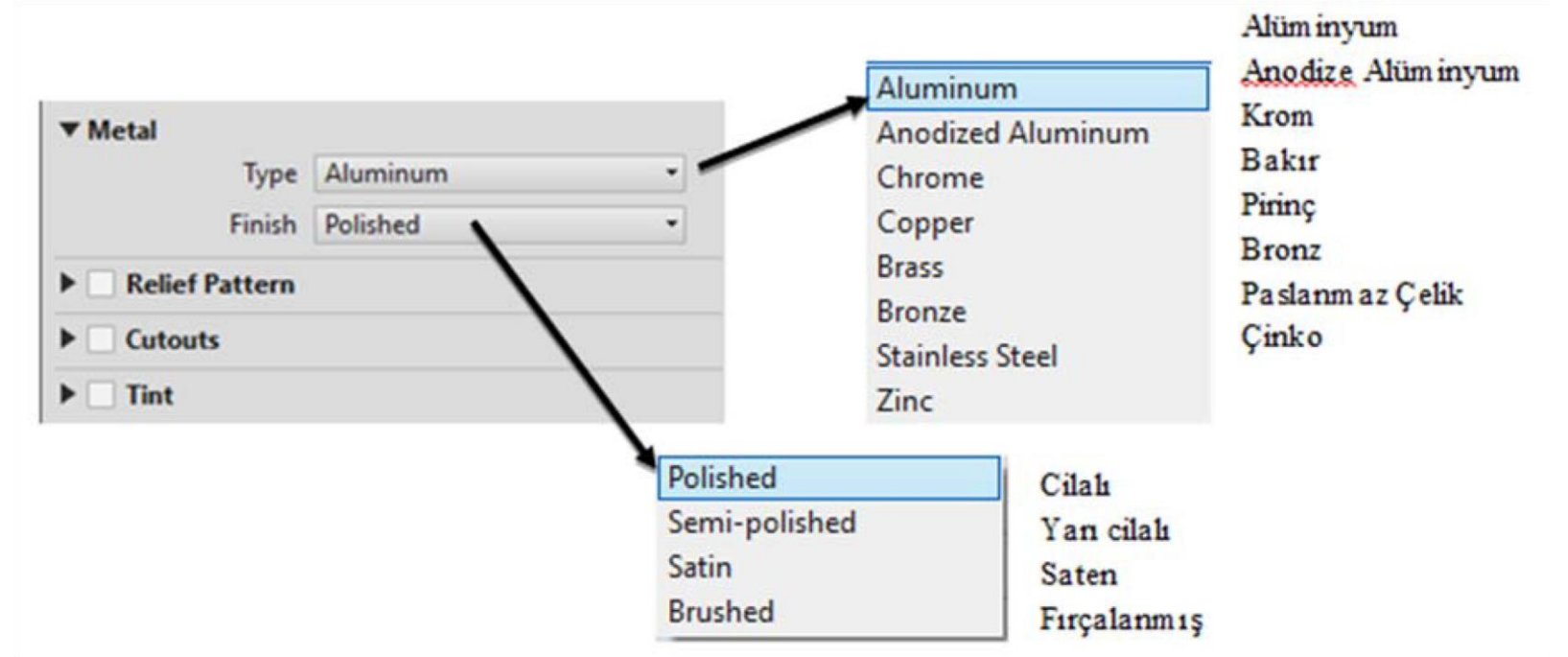


BÖLÜM 13

MALZEME ATAMAK VE KAPLAMAK (MATERIALS AND RENDERING)

Materials (Malzemeler)





Malzeme seçimi

▼ Ceramic

Type Porcelain

Color RGB 255 255 255

Finish High Gloss / Glazed

▶ Finish Bumps

▶ Relief Pattern

▶ Tint

Select Color

Index Color True Color Color Books

Hue: 0 Saturation: 0 Luminance: 100 Color model: HSL

True Color Stored as RGB:

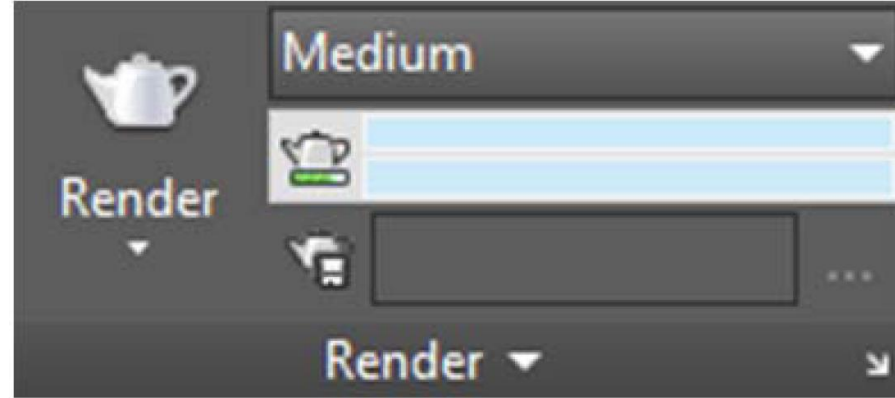
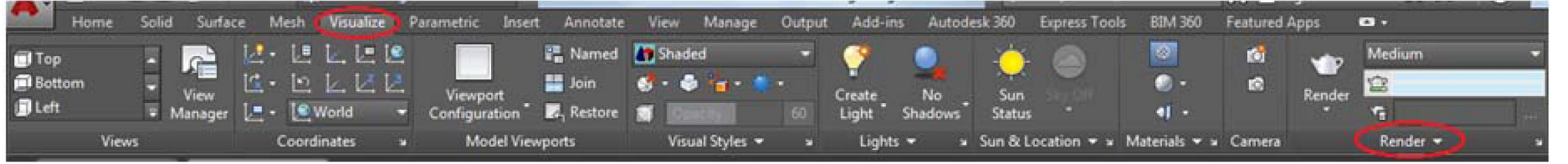
Red: 255
Green: 255
Blue: 255

Color: 255,255,255

OK Cancel Help

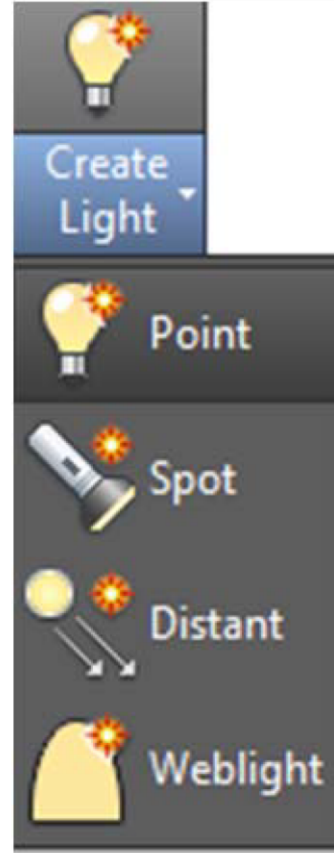
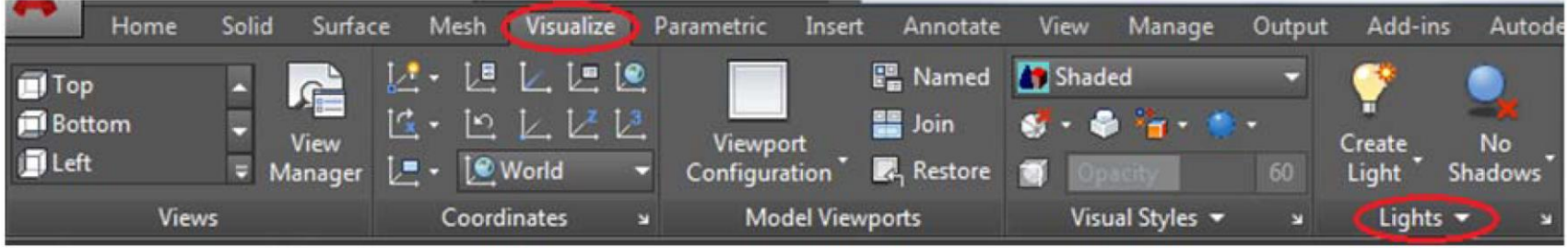
Renk seçim penceresi

Render (Kaplama)



Render panel görüntüsü

Light (Iřık)

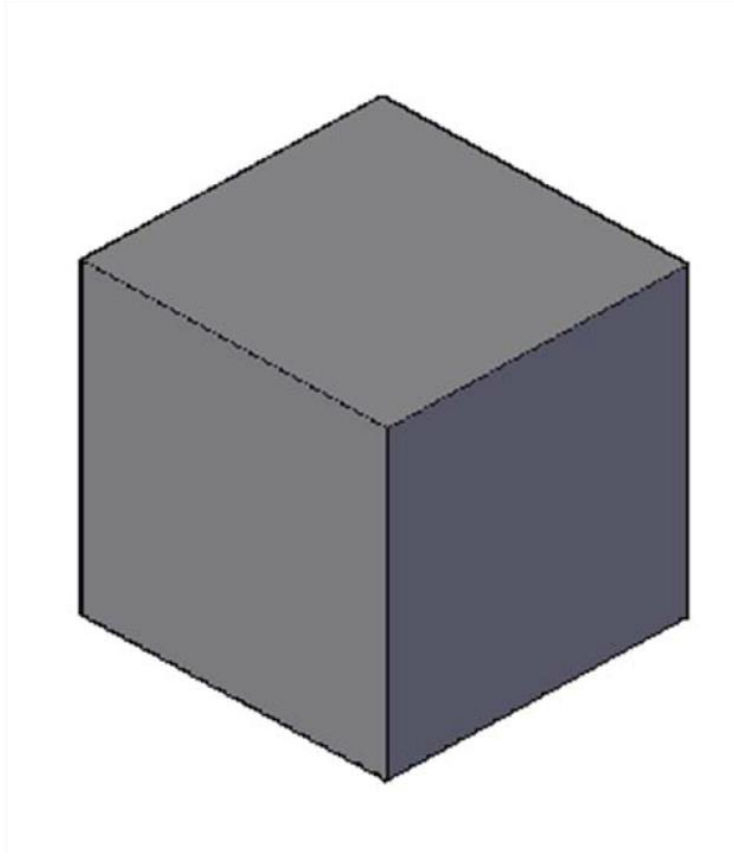


Noktasal ışık kaynağı

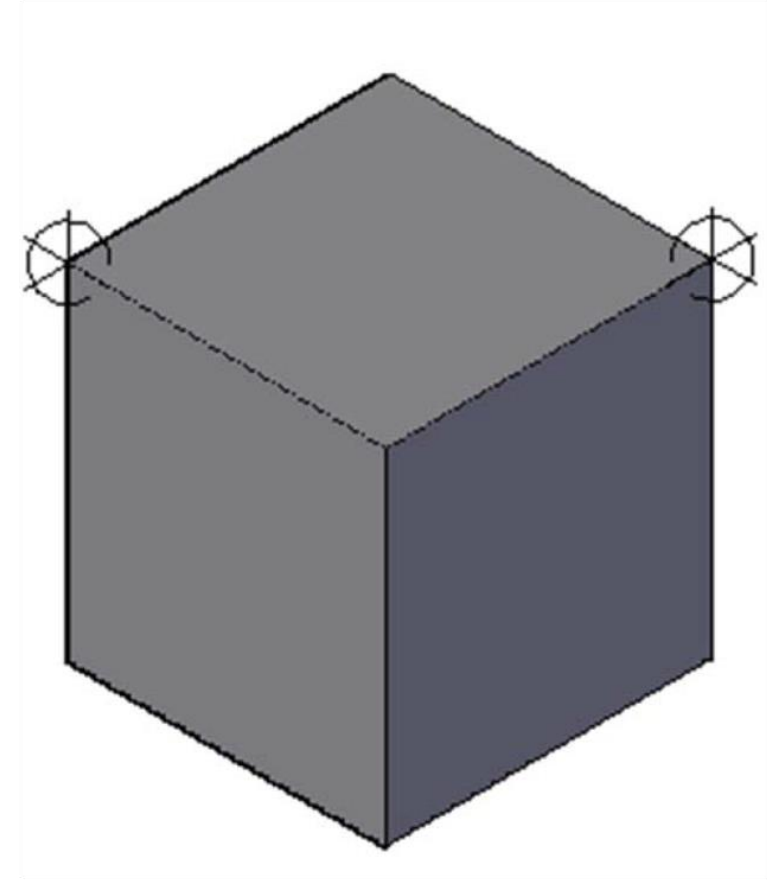
Güçlü (Projektör) ışık kaynağı

Belli bir uzaklıktan ışık kaynağı

Doğrultulmuş ışık kaynağı



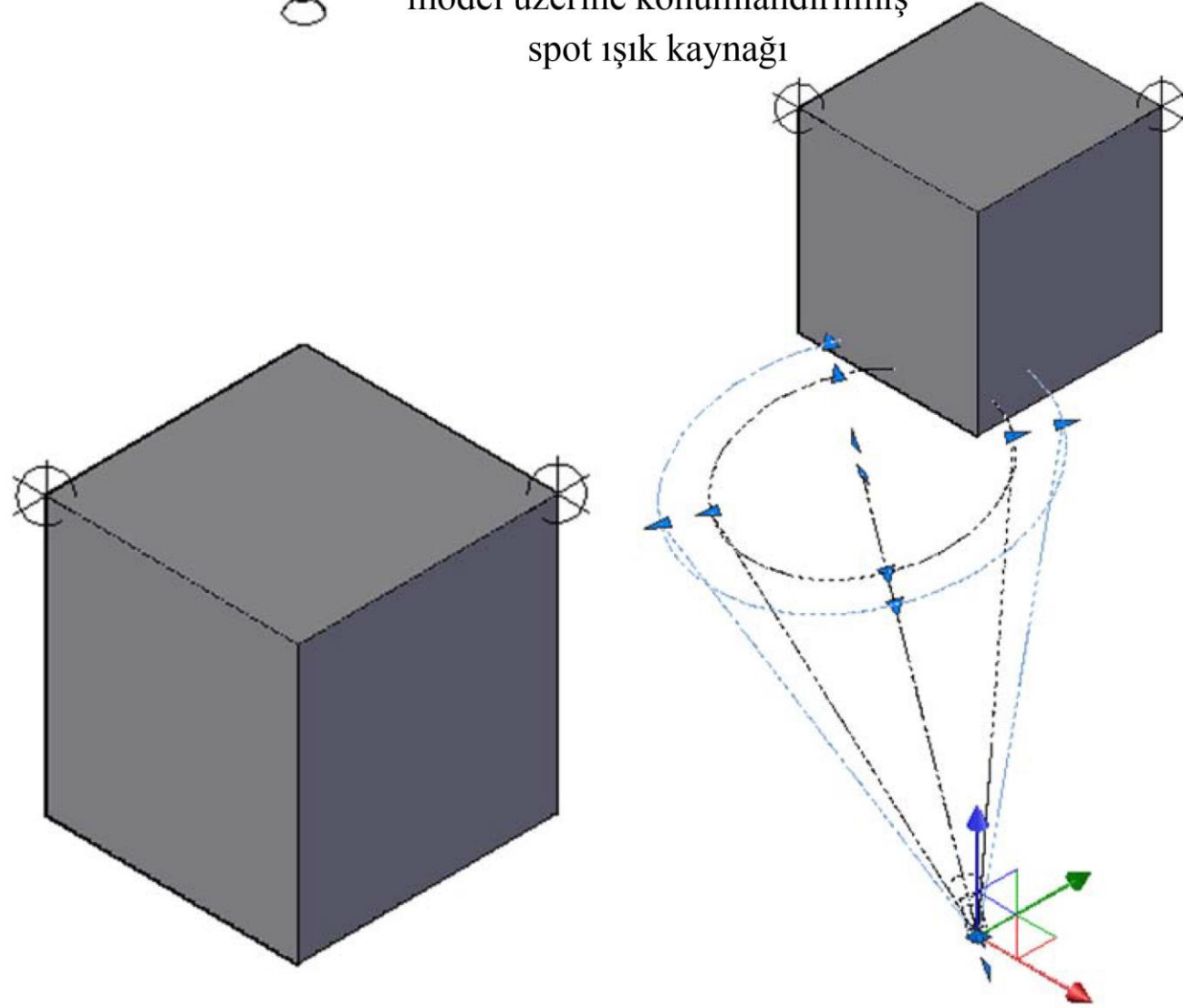
Işık kaynağı uygulanmamış model



Point ışık kaynağı uygulanmış model



Modelden belirli bir uzağa ve
model üzerine konumlandırılmış
spot ışık kaynağı



Spot ışık kaynağının etki alanı

Drawing2-Temp004 - Render

File View Tools

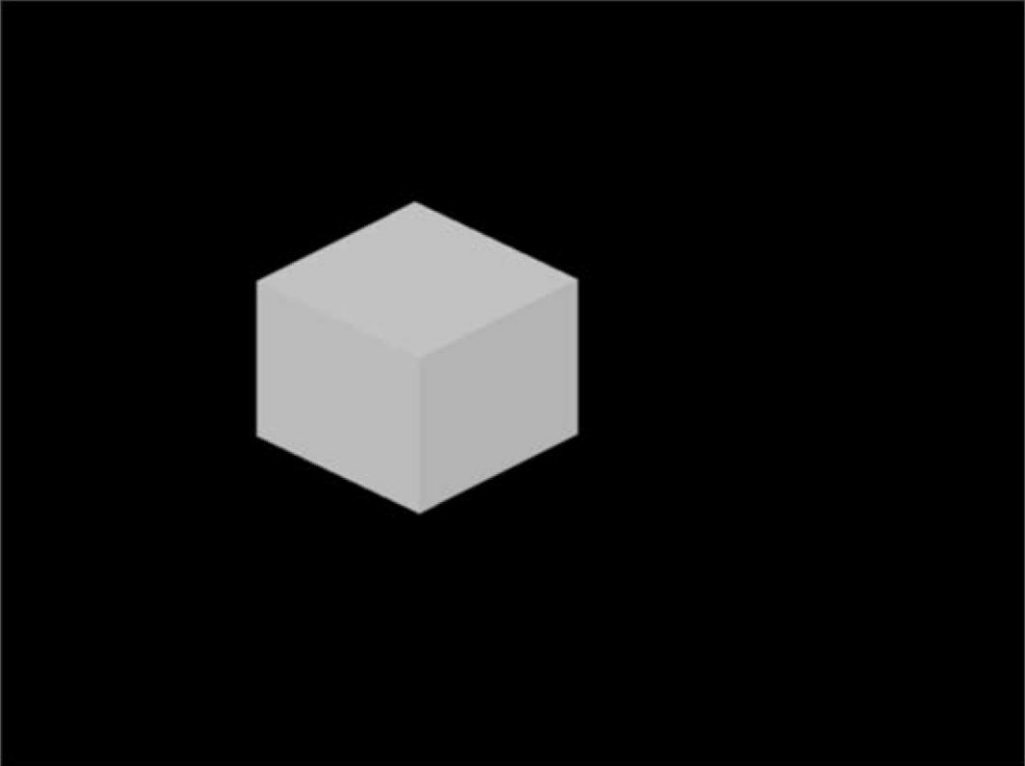


Image Information

Render Statistics

Date	23 May
Render time	
Triangle count	12
Light count	2
Material count	1
Memory used	14091 K

Materials

Apply materials	On
Texture sampling	On
Force 2-sided	On

Sampling

Min samples	1
Max samples	4
Max samples Gauss	
Filter width	3.000
Filter height	3.000
Contrast color	0.050:0

Shadows

Mode	Simple
Shadow map	Off

Ray Tracing

Max depth	5
Max reflection	5
Max refraction	5

Lighting

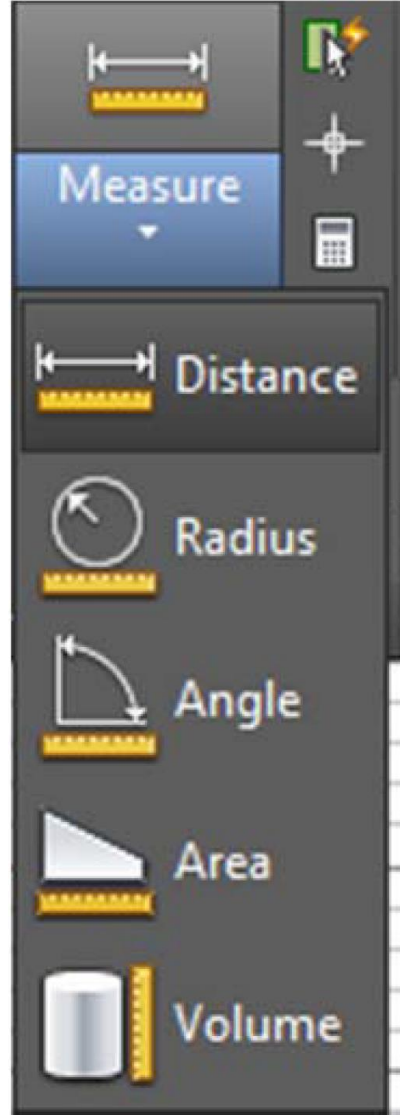
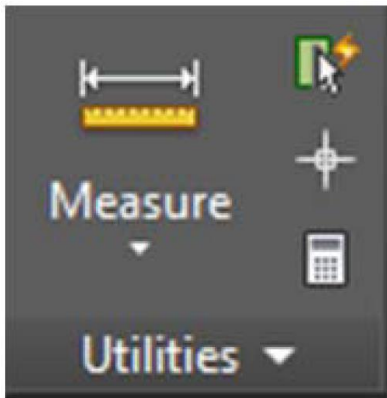
Photons/light	10000
Energy multiplier	1.000

Render: 100.0%

Output File Name	Output Size	View	Render time	Render preset
Drawing2-Temp004	640 x 480	Current	00:00:03	Medium

BÖLÜM 14

HESAPLAMA ARAÇLARI (UTILITIES)



Hızlı seçme

Tümünü seç

Hesap makinesi seçme

İki nokta arasındaki uzaklığı ölçer

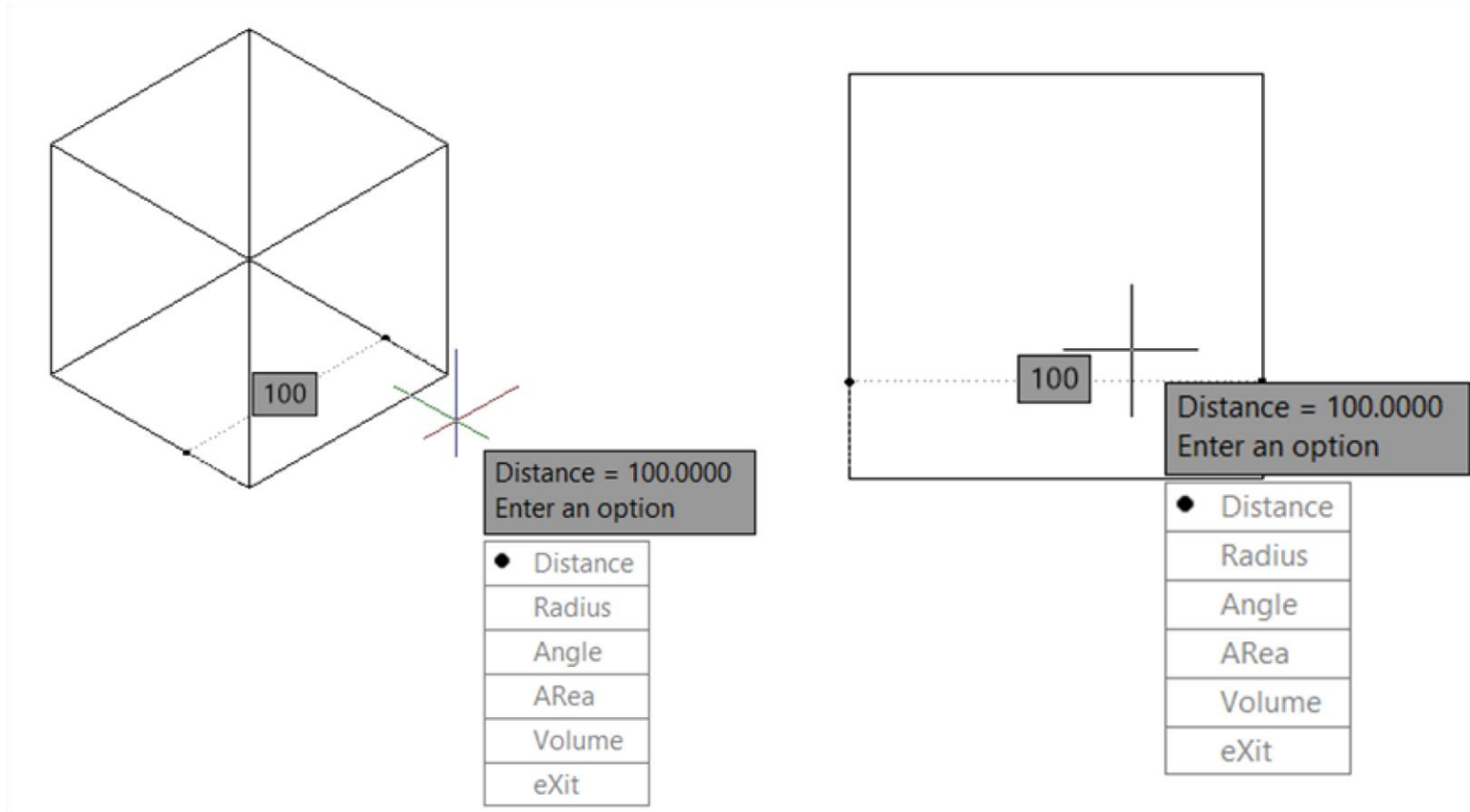
Yarıçap/Çap ölçer

İki çizgi arasındaki açıyı ölçer

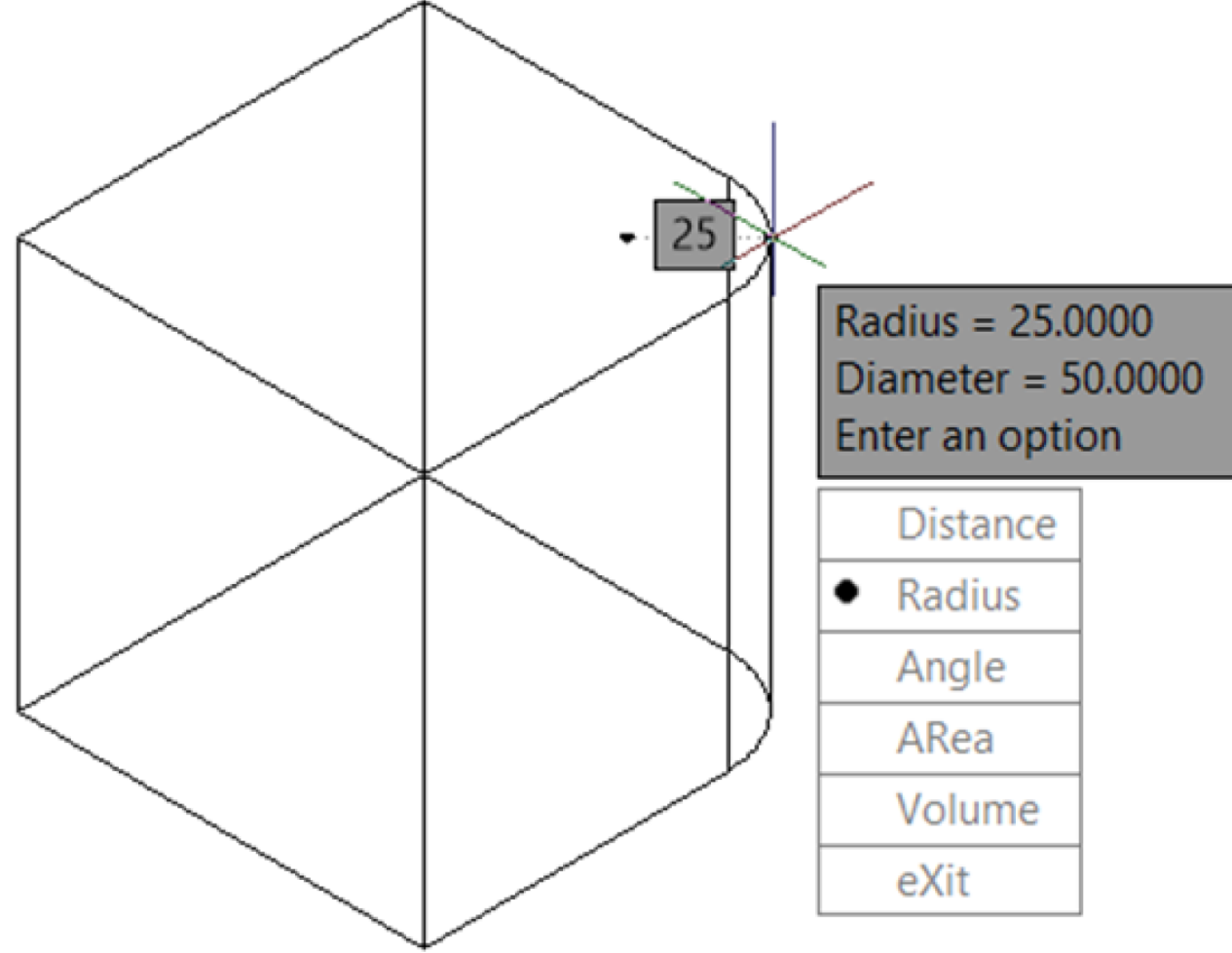
Alan ölçer

3B'lu katı modellerin hacmini

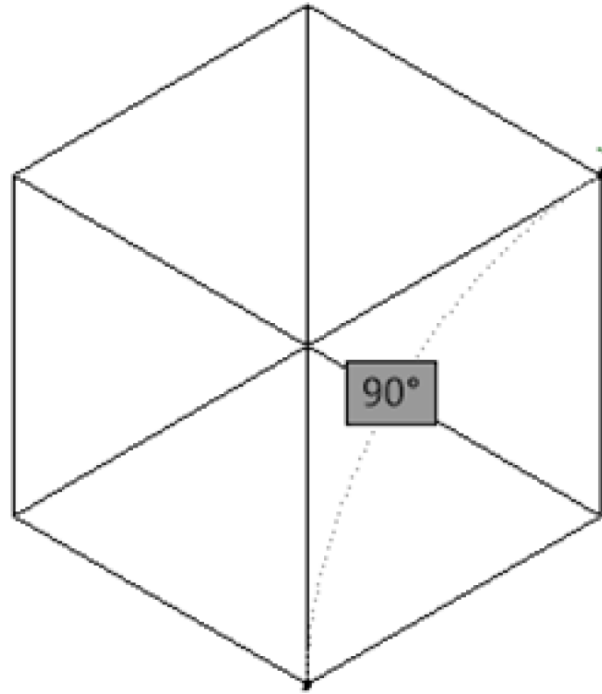
2B Çizim ile 3B Katı Modeli Oluşturan Çizgilerin Uzunluğunu Ölçer



Çember ve Radiuslü Pahların Yarıçap ve Çapını Ölçer

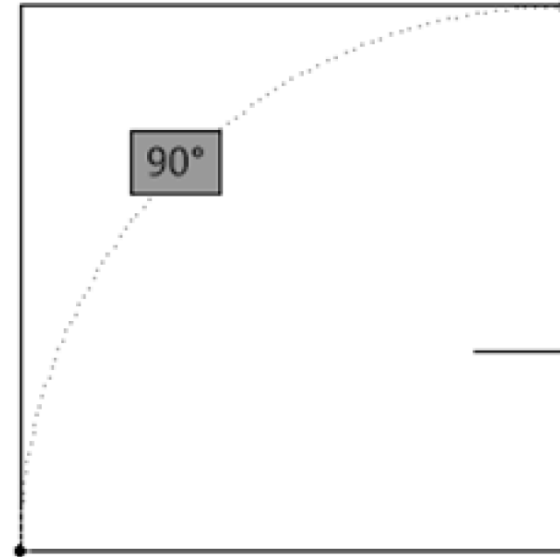


İki Çizgi Arasında Kalan Açılar Ölçer



Angle = 90°
Enter an option

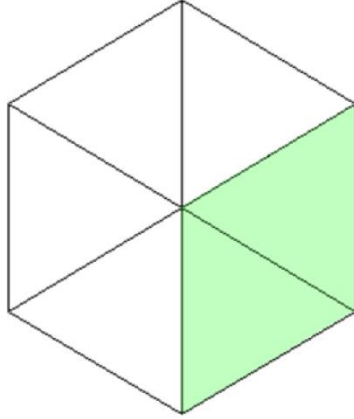
Distance
Radius
● Angle
ARea
Volume
eXit



Angle = 90°
Enter an option

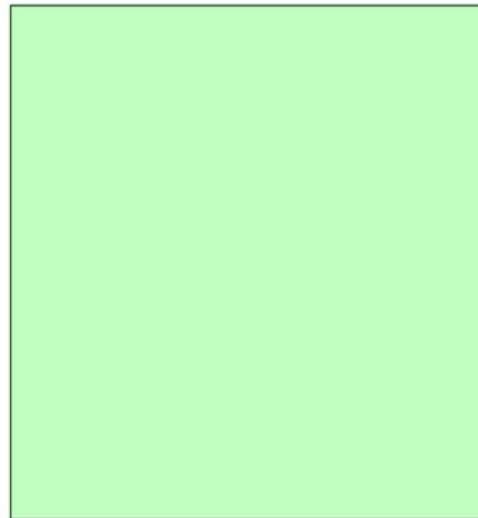
Distance
Radius
● Angle
ARea
Volume
eXit

Alan Ölçer



Area = 10000.0000, Perimeter = 400.0000
Enter an option

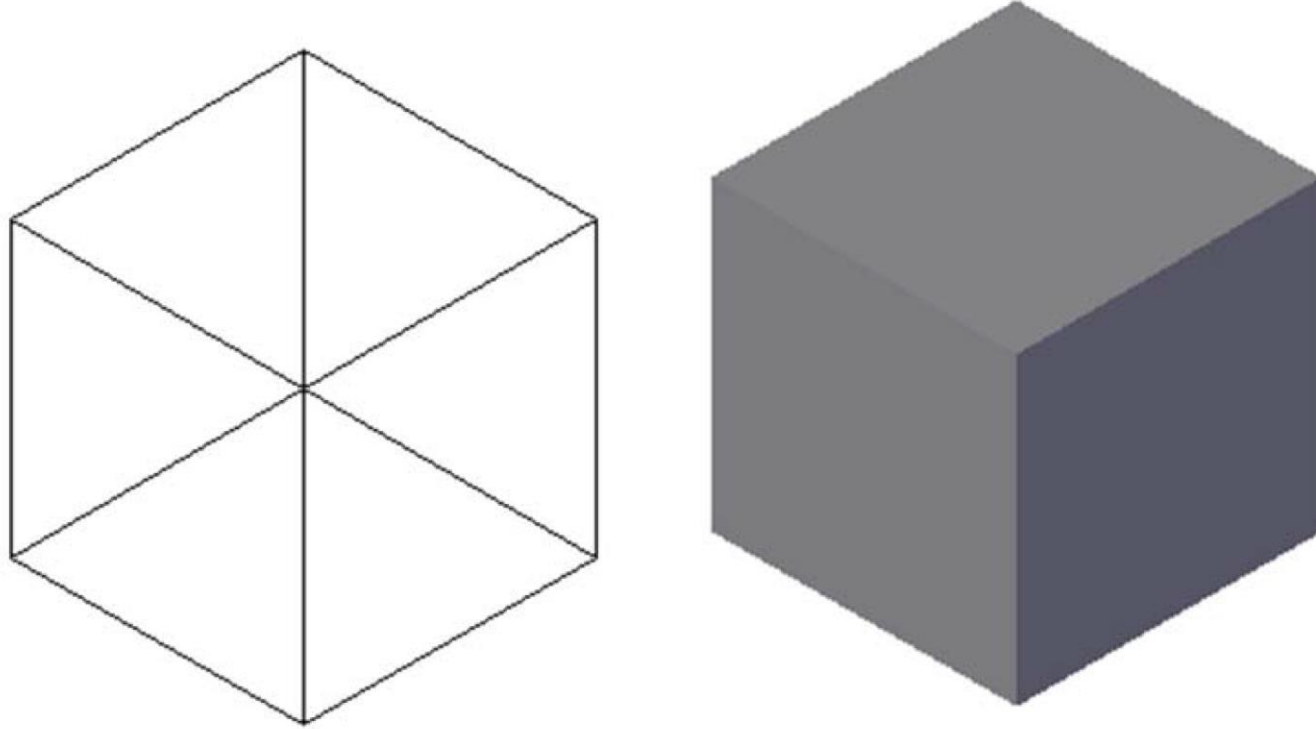
- Distance
- Radius
- Angle
- ARea
- Volume
- eXit



Area = 10000.0000, Perimeter = 400.0000
Enter an option



- Distance
- Radius
- Angle
- ARea
- Volume
- eXit

Massprop (Kütle Özellikleri)



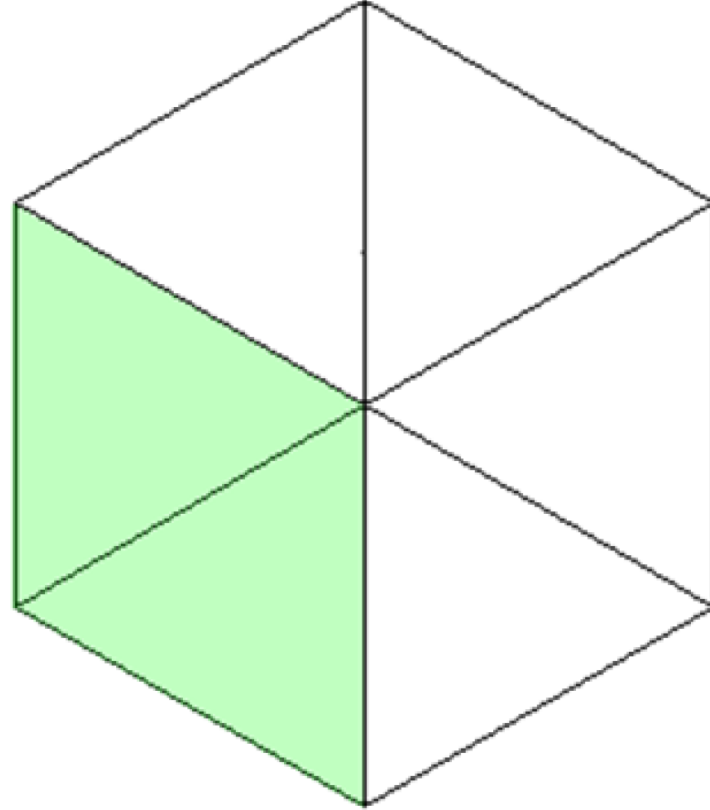
Analiz edilecek kütle


```
Command: MASSPROP
Select objects: 1 found
Select objects:
----- REGIONS -----
Area:                10000.0000
Perimeter:           400.0000
Bounding box:        X: 2408.7871 -- 2508.7871
                    Y: 2160.9786 -- 2260.9786
Centroid:            X: 2458.7871
                    Y: 2210.9786
Moments of inertia:  X: 48892596444.1263
                    Y: 60464674334.3031
Product of inertia:  XY: -5.4363E+10
Radii of gyration:   X: 2211.1670
                    Y: 2458.9566
Principal moments and X-Y directions about centroid:
                    I: 8333333.3333 along [1.0000 0.0000]
                    J: 8333333.3333 along [0.0000 1.0000]
```

 MASSPROP Write analysis to a file? [**Yes** No] <N>: 

Kütle özellikleri

Hacim Ölçer



Volume = 1000000.0000
Enter an option

Distance

Radius

Angle

ARea

● Volume

eXit