

Table of Contents

Chapter 1: Advanced Objects

Introduction
Polyline command – Revision
Exercise 1
Polyline – Rectangle command
Polyline – Polygon command
Polyline – Donut command
Exercise 2
Editing Polylines – PEDIT command
Exercise 3
Exercise 4
Polyline and some editing commands
Exercise 5
Construction line command & Ray command
Exercise 6
Point command – Introduction
Point command – Divide and Measure
Exercise 7
Exercise 8
Spline command
Exercise 9
Ellipse command
Exercise 10
Revision cloud command
Exercise 11
Boundary command
Exercise 12
Region command – Introduction
Region command – Boolean Operations
Exercise 13
Chapter Review
Chapter Review Answers

Chapter 2: Advanced Techniques

Advanced options in Offset command
Exercise 14
Advanced options in Trim and Extend commands
Exercise 15
Opening more than one AutoCAD files
Exercise 16
Exercise 17
Bringing objects from other applications
Exercise 18
Hyperlink
Exercise 19
View commands
Exercise 20

Dealing with Fields
Exercise 21
Formulas and Tables
Table Advanced Functions
Exercise 22
Quick Select
Exercise 23
Partial Open and Partial Load
Exercise 24
Annotative
Exercise 25
Notes
Chapter Review
Chapter Review Answers

Chapter 3: Parametric Constraints & Advanced Block Techniques

Parametric Constraint – Introduction
Parametric Constraint – Geometric
Exercise 26
Parametric Constraint – Dimensional
Exercise 27
Dynamic Blocks – Introduction
How do you know you are dealing with Dynamic Block?
Dynamic Blocks – How to start?
Dynamic Blocks – Authoring Tool Palette
Exercise 28
Exercise 29
Exercise 30
Block Attributes – Attribute Definition
Exercise 31
Block Attributes – Insertion Blocks with Attributes
Block Attributes – Controlling the Visibility
Exercise 32
Block Attributes – Editing Values (One-by-One)
Block Attributes – Editing Values (Global)
Exercise 33
Block Attributes – Redefining Attributes
Block Attributes – Synchronize
Exercise 34
Block Attributes – Extracting Attributes
Exercise 35
Notes
Chapter Review
Chapter Review Answers

Chapter 4: External Referencing (XREF)

What is External Reference (XREF)?
External Reference (XREF) – Inserting
External Reference (XREF) – Contents of the Palette
External Reference (XREF) – Layers
Exercise 36
External Reference (XREF) – Edit in Place vs. Opening
External Reference (XREF) – Unload, Reload, Detach, Bind
Exercise 37
External Reference (XREF) – Clipping
Exercise 38
External Reference (XREF) – Special things for DWF & Image
Exercise 39
eTransmit and XREF
Exercise 40
Notes
Chapter Review
Chapter Review Answers

Chapter 5: Sheet Sets

Introduction
Opening and closing existing sheet set
Understanding the Sheet Set Manager Palette
Sheet sets and files
Exercise 41
Creating new sheet set using an example
Exercise 42
Adding Views into sheets
Exercise 43
Creating new sheet set using existing drawings
Exercise 44
eTransmit, Archive, and Publish sheet set
Exercise 45
Label Block for Views & Callout Blocks
Exercise 46
Notes
Chapter Review
Chapter Review Answers

Chapter 6: CAD Standards & Advanced Layers

Introduction
CAD Standards – Creating
Exercise 47
Configuring and Checking Standards
Exercise 48
Layer Translator
Exercise 49
Advanced Layers – General Look
Advanced Layers – Property Filter
Exercise 50
Advanced Layers – Group Filter
Advanced Layers – Right-clicking the Filter
Exercise 51
Advanced Layers – Layer States Manager
Exercise 52
Advanced Layers – The Settings dialog box
Advanced Layers – Advanced Layer Functions
Exercise 53
Chapter Review
Chapter Review Answers

Chapter 7: Autodesk Design Review & Markup Set Manager

Introduction
Publishing command – Review
Exercise 54
Autodesk Design Review – Introduction
Autodesk Design Review – 2D View
Autodesk Design Review – Format toolbar
Autodesk Design Review – Markup toolbar
Autodesk Design Review – Editing Markup Objects
Autodesk Design Review – Markup Palette and Savings
Exercise 55
Markup Set Manager
Exercise 56
Receiving the DWF again – Making Comparison
Exercise 57
Chapter Review
Chapter Review Answers