



Adobe Illustrator 88™

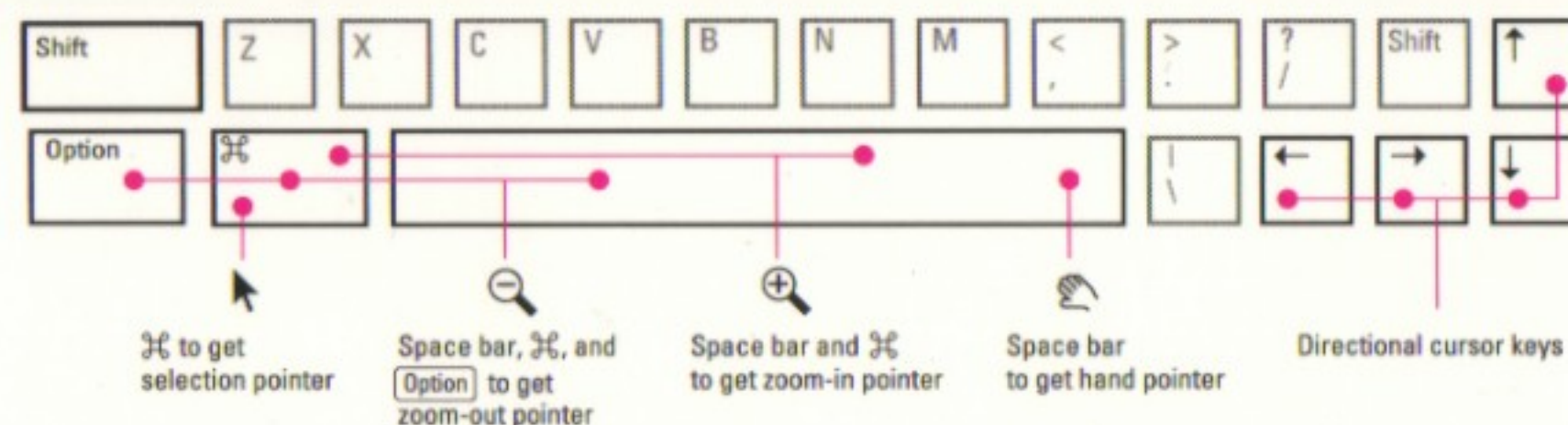
Quick Reference Guide

Tool	Plus Shift Key	Plus Option Key
Selection	When clicking or before starting to drag Extends or reduces the selection After starting to drag Constrains motion to horizontal, vertical, or 45° increments	When clicking or before starting to drag Selects top object when top object is clicked Selects all objects under marquee Displays Move dialog box when selection tool is clicked in toolbox After starting to drag Duplicates selection when selection is dragged
Hand	No effect	No effect
Zoom	No effect	Displays zoom-out pointer
Type	No effect	No effect
Freehand	No effect	Creates corner point
Auto trace	No effect	No effect
Pen	Constrains lines and curves to horizontal, vertical, or 45° increments	Creates corner point
Rectangle	Constrains rectangle to a square	Constructs rectangle from center to corner as opposed to corner to corner
Oval	Constrains oval to a circle	Constructs oval from center to edge as opposed to edge to edge
Blend	No effect	No effect
Scale	Constrains scale along x, y, or both axes	While clicking origin, displays transformation dialog box
Rotate	Constrains rotation to 45° increments	
Reflect	Constrains reflection to horizontal, vertical, or 45° increments	While dragging to create transformation (after origin has been specified), creates transformed duplicate; leaves original in place
Shear	Constrains shear to horizontal, vertical, or 45° increments	
Scissors	No effect	Creates new anchor point
Measure	Constrains measurement to horizontal, vertical, or 45° increments	No effect
Page	No effect	No effect
















Menu Command Shortcuts			
To Choose	Press	To Choose	Press
File		Arrange	
New	⌘ N	Transform Again	⌘ D
Open ...	⌘ O	Group	⌘ G
Open ...w/template dialog	Option & ⌘ O	Ungroup	⌘ U
Save	⌘ S	Join	⌘ J
Print	⌘ P	Average	⌘ L
Quit	⌘ Q	Lock	⌘ 1
Edit		Unlock All	⌘ 2
Undo/Redo	⌘ Z	Hide	⌘ 3
Cut	⌘ X	Show All	⌘ 4
Copy	⌘ C	View	
Copy ...PICT Preview	Option & ⌘ C	Preview	⌘ Y
Paste	⌘ V	Artwork & Template	⌘ E
Clear	Backspace	Artwork Only	⌘ W
Select All	⌘ A	Actual Size	⌘ H
Paste in Front	⌘ F	Fit in Window	⌘ M
Paste in Back	⌘ B	Show/Hide Rulers	⌘ R
Bring to Front	⌘ =	Style	
Send to Back	⌘ -	Paint	⌘ I
Preferences	⌘ K	Type	⌘ T

Preferences ⌘ K		
Choice	Setting	Default
Snap to point	On or off	On
Preview and print patterns	On or off	On
Transform pattern tiles	On or off	Off
Ruler units	Centimeters, inches, or picas/points	Picas/points
Constrain angle	Value in degrees	Zero
Corner radius	Value in cm, in. or pts.	Zero
Cursor key distance	Value in ruler unit	One
Freehand tolerance	Value in pixels	Two
Auto trace gap distance	Value in pixels	Zero
Change progressive colors	Access video color dialog boxes	Std. Apple® monitor values

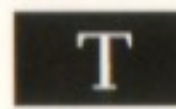

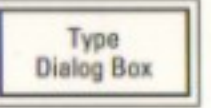


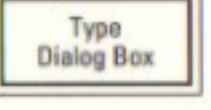
Accessing Tools from the Keyboard



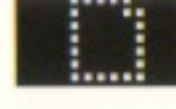


Selecting

	Selecting a segment	Click 	OR	Drag 
	Selecting an anchor point	Click on point 	OR	Drag 
	Selecting a path	Press Option; click 	OR	Press Option; drag 
	Selecting an additional object	Press Option and Shift; click 	OR	Press Option and Shift; drag 
	Selecting all points in an area	Press Shift; click 	OR	Drag 








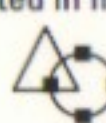

Adding and Editing Type

Adding type	1 Click tool 	2 Click 	3 Enter type and specify values 
Editing type	1 Select type 	2 	3 Edit type and values 




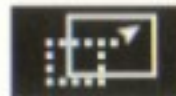

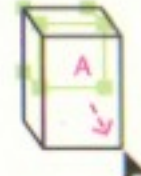


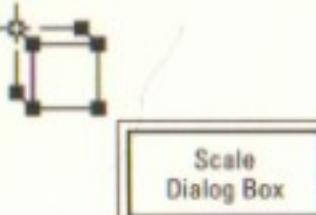






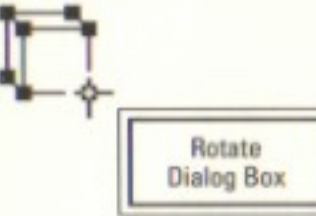




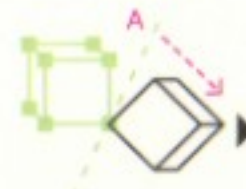
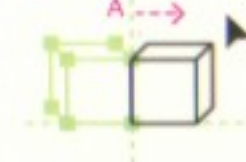
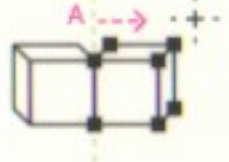
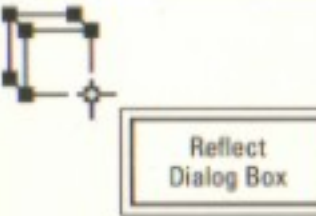




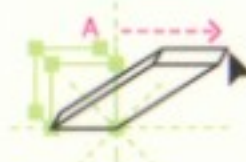
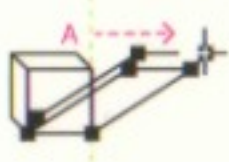



Using the Page Tool

Defining the page edges	1 Click tool 	2 Drag 	3 Release 
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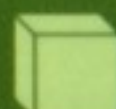






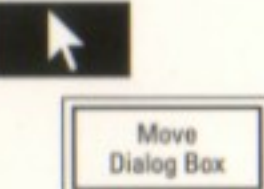
Layering

	Move object(s) in front of or in back of all objects	1 Preview 	2 Select object 	3 <table border="1"><tr><td colspan="2">Edit</td></tr><tr><td>Undo</td><td>⌘ Z</td></tr><tr><td>...</td><td></td></tr><tr><td>Send to Front</td><td>⌘ =</td></tr><tr><td>Send to Back</td><td>⌘ -</td></tr></table>	Edit		Undo	⌘ Z	...		Send to Front	⌘ =	Send to Back	⌘ -	4 Preview 												
Edit																											
Undo	⌘ Z																										
...																											
Send to Front	⌘ =																										
Send to Back	⌘ -																										
	Move object(s) in front of or in back of selected objects	1 Preview 	2 Select object 	3 <table border="1"><tr><td colspan="2">Edit</td></tr><tr><td>Undo</td><td>⌘ Z</td></tr><tr><td>Cut</td><td>⌘ X</td></tr><tr><td>Copy</td><td>⌘ C</td></tr><tr><td>Paste</td><td>⌘ V</td></tr></table>	Edit		Undo	⌘ Z	Cut	⌘ X	Copy	⌘ C	Paste	⌘ V	4 Select object to be pasted in front of 	5 <table border="1"><tr><td colspan="2">Edit</td></tr><tr><td>Undo</td><td>⌘ Z</td></tr><tr><td>...</td><td></td></tr><tr><td>Paste in Front</td><td>⌘ F</td></tr><tr><td>Paste in Back</td><td>⌘ B</td></tr></table>	Edit		Undo	⌘ Z	...		Paste in Front	⌘ F	Paste in Back	⌘ B	6 Preview 
Edit																											
Undo	⌘ Z																										
Cut	⌘ X																										
Copy	⌘ C																										
Paste	⌘ V																										
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Paste in Front	⌘ F																										
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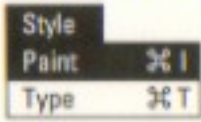



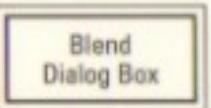


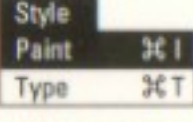







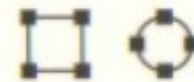


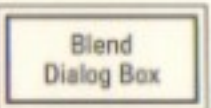
Transforming Objects

 Procedure					Constraining	Duplicating	Specific Transforming
	1 Select object(s)	2 Click tool	3 Click origin	4 Press (A) and drag	5a Press Shift 6a Continue dragging 7a Release mouse 8a Release Shift	5b Press Option 6b Continue dragging 7b Release mouse 4b Release Option	3c Press Option 4c Click origin 5c Type values 6c Click OK
 Scaling							
							
 Rotating							
							
 Reflecting							
 Shearing							




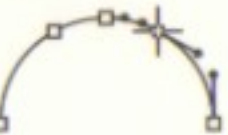

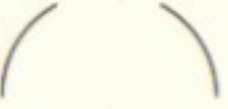

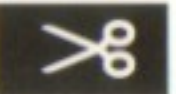


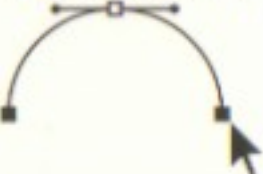



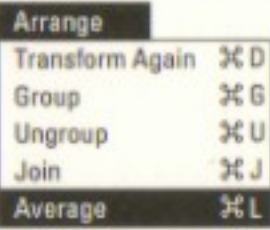

Moving Objects

 Procedure				Constraining	Duplicating	Specific Moving
	1 Select object(s)	2 Press (A) and drag	3 Release mouse	3a Press Shift 4a Continue dragging 5a Release mouse 6a Release Shift	3b Press Option 4b Drag 5b Release mouse 6b Release Option	2c Press Option 3c Click arrow tool 4c Type move values 5c Click OK
 Moving						





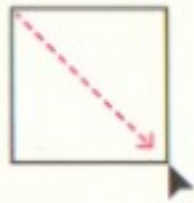







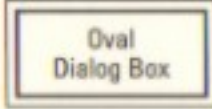
Creating Blends and Gradations

 <p>Creating simple gradations</p>	1 Draw rectangle; ungroup; paint 	2 Duplicate rectangle 	3 Paint 2nd rectangle with new fill 	4 Select all points on rectangles 	5 Click tool 	6 Click corresponding points (A) 	7 Type # of steps 
 <p>Creating complex gradations</p>	1 Draw an apple and a highlight 	2 Paint highlight 100% white fill 	3 Select points on objects 	HINT For best results, select the same number of points in each object	4 Click tool 	5 Click corresponding points (A) 	6 Type # of steps 
 <p>Blending between two shapes</p>	1 Draw a square and circle; ungroup 	2 Paint with no fill, 1 point stroke 	3 Select objects 	4 Click tool 	5 Click corresponding points (A) 	6 Type # of steps 	






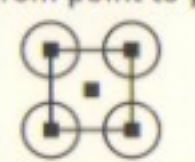
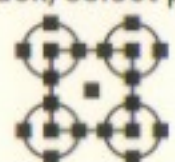








Splitting and Connecting

 <p>Splitting a path</p>	1 Click tool 	2 Click 	3 Click 	4 Select segment 	5 Delete 
 <p>Adding an anchor point</p>	1 Click tool 	2 Press Option; click 			
 <p>Connecting two endpoints with a line</p>	1 Select endpoints 	2 			
 <p>Averaging and connecting two endpoints</p>	1 Select endpoints 	2 	3 		

Drawing Rectangles and Ovals

	Constructing from edge to edge	Constructing from center	Constructing a square or a circle	Constructing a square or circle from center	Constructing with exact measurements
	Procedure				
	Drag	Press Option; drag	Press Shift; drag	Press Shift and Option; drag	Click; type values
	Drawing rectangles				
					
	Drawing ovals				
					






























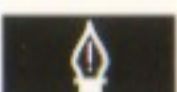


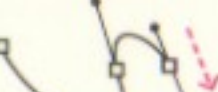

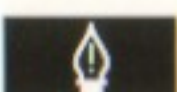


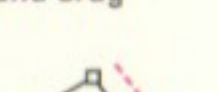
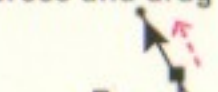


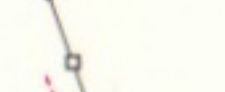


Making Patterns

	Making a simple pattern						
	1 Draw element	2 Drag; press Shift and Option; release	3 Select objects	4 Drag; press Shift and Option; release	5 Draw rectangle from point to point	6 Send rectangle to back; select pattern	7 Name pattern
							
	Transforming a pattern						
	1 Select path filled with pattern	2	3	4 Type in values	5 Click OK	6 Click OK	
							

Masking

	Creating a mask						
	1 Create artwork	2 Create masking path	3	4 Select mask; paint	5 Send mask to back	6 Select mask and artwork	7 Arrange
							

Drawing Lines and Curves

Freehand  Drawing and adjusting a path	1 Click tool 	2 Drag 	3 To erase, hold ⌘ 	4 Release mouse 			
 Extending and closing a path	1 Click tool 	2 Press on anchor point 	3 Drag to extend line 	4 Position pointer over end point 	5 Release mouse 		
Auto trace  Tracing a template shape	1 Open template 	2 Click tool 	3 Position pointer on edge 	4 Click 			
 Tracing part of a shape	1 Open template 	2 Click tool 	3 Position pointer on edge 	4 Press on point A 	5 Drag to point B 	6 Release mouse 	
Pen  Drawing straight lines	1 Click tool 	2 Click 	3 Click 	Constraining lines to 45° increments			3 Press Shift and click 
 Drawing curves	1 Click tool 	2 Press and drag 	3 Press and drag 	4 Press and drag 			
 Creating corners	1 Click tool 	2 Click 	3 Click 	4 Press Option and drag 	5 Release Option; press and drag 		
 Changing from curves to lines	1 Click tool 	2 Press and drag 	3 Press and drag 	4 Press Option and click 	5 Release Option; click 