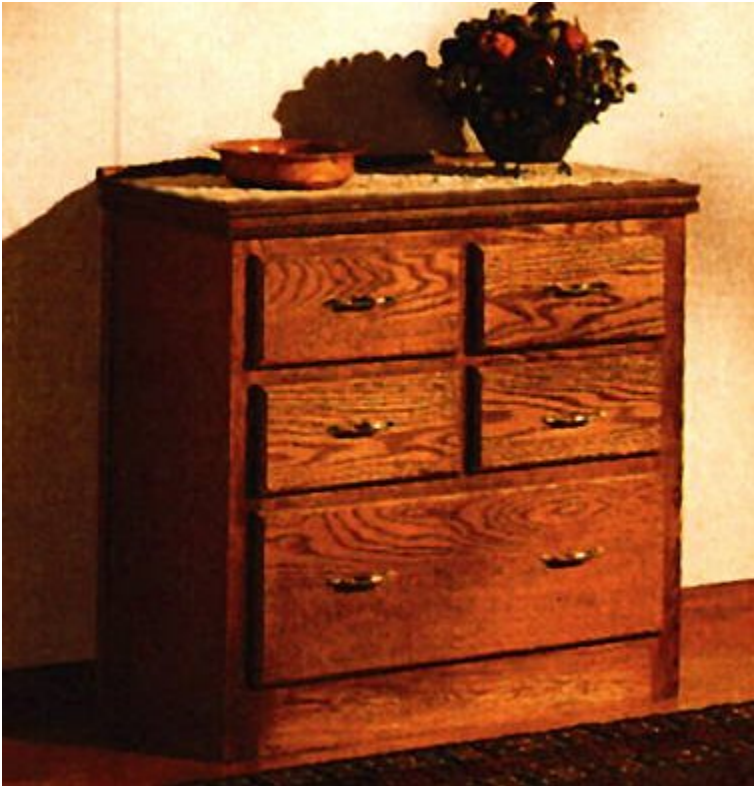
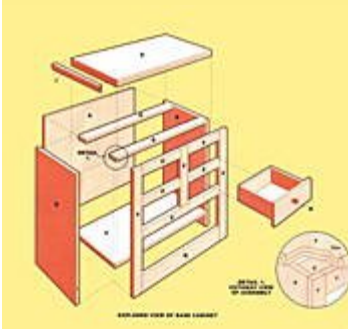
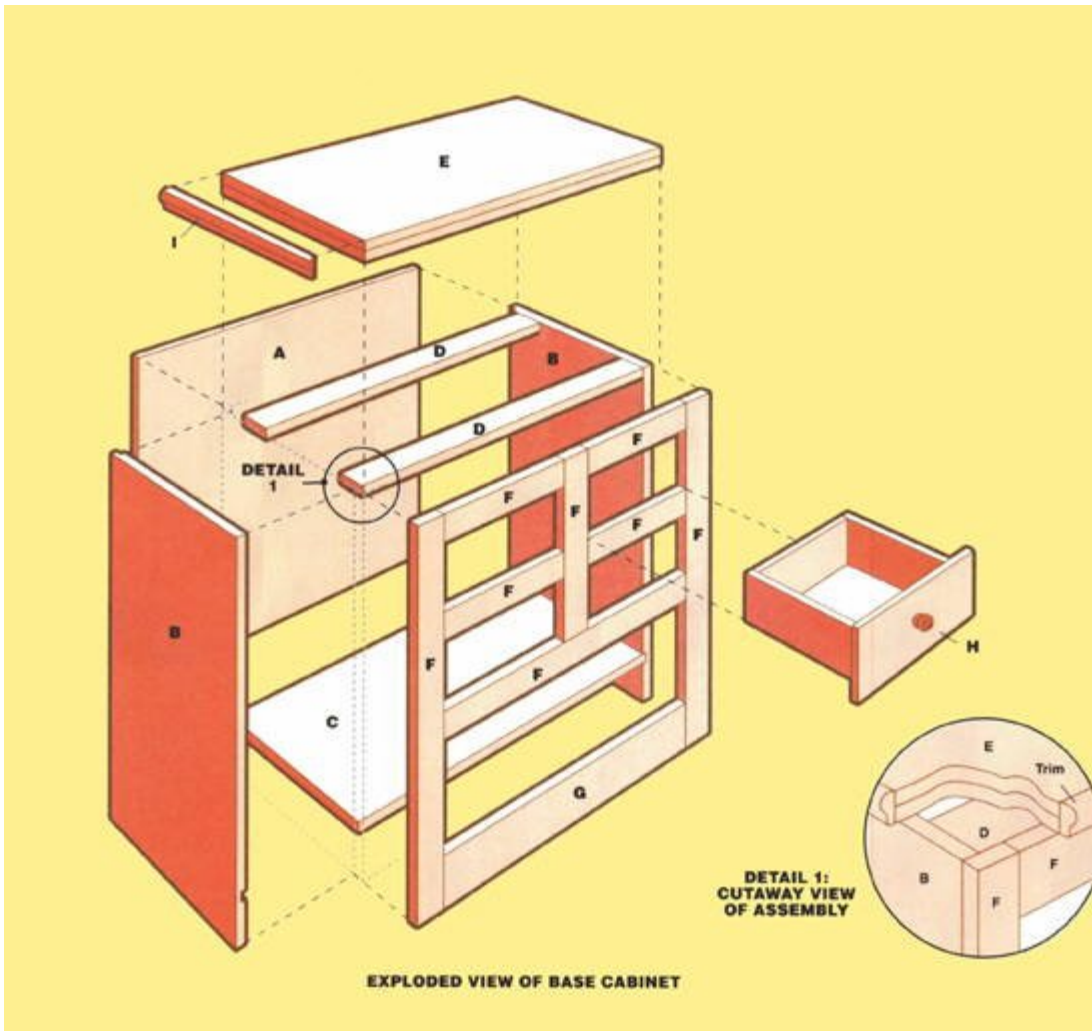


## How to Build and Install a Base Cabinet





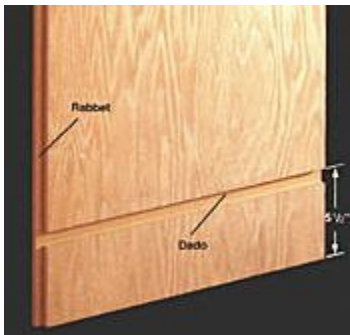
### Project as Shown

Key	Part	Material	Pieces	Size
A	Back panel	1/2' plywood	1	34 1/2' × 35 1/4'
B	Side panels	3/4' plywood	2	34 1/2' × 17 1/4'
C	Bottom panel	3/4' plywood	1	16 3/4' × 35 1/4'
D	Supports	1 × 3 oak	2	34 1/2'
E	Countertop	3/4' plywood	2	36 1/4' × 18'
F	Face frame	1 × 3 oak	15 linear ft.	
G	Bottom rail	1 × 6 oak	1	31 1/4'

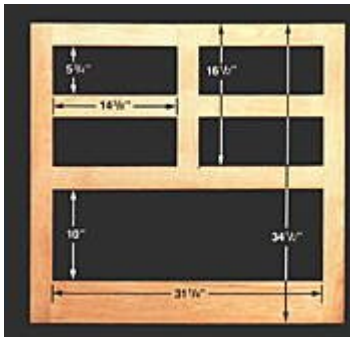
H Overlay drawers

I Trim molding

12 linear ft.



**Side panels** made from 3/4" plywood have 3/4"-wide, 3/8"-deep dados to hold bottom panel, and 1/2"-wide, 3/8"-deep rabbets where back panel will fit. Bottom dado is raised so bottom drawer will be at a comfortable height.



**Face frame** includes 1 × 6 bottom rails, and 1 × 3s for the stiles and other rails. Cut and assemble face frame, following dimensions shown.



**1.** Cut 3/4" plywood side and bottom panels, and 1/2" plywood back panel. Cut rabbets and dados, and assemble the pieces with glue and 2" finish nails.



**2.** Measure, cut, and install two 1 × 3 supports to fit between the side panels at the top of the cabinet. Attach with 2" finish nails driven through the side panels.



**3.** Measure, cut, and assemble face frame.



**4.** Mark location of wall studs in project area, then set cabinet in place. Check with a level and shim under cabinet, if necessary to level it. Toenail the side panels to the floor at shim locations, using 2" finish nails. Score shims, and break off excess.



**5.** Anchor the cabinet by driving 3 1/2" screws through the back panel and into wall studs just below the top of the cabinet.



**6.** Install tracks for two center-mounted drawer slides on the bottom panel.



**7.** Attach drawer slides for upper drawers to the face frame rails and the back panel, following the manufacturer's directions.



**8.** Measure and cut two 3/4" plywood countertop panels. Fasten them together with glue and 1" screws driven up through the bottom layer. Set countertop on cabinet, and anchor it with 2" screws driven up through the supports inside the cabinet.



**9.** Cover exposed edges of countertop with mitered ornamental molding, attached with glue and 2" finish nails driven through pilot holes.



**10.** Cover gaps between the cabinet and the walls and floor with trim molding, attached with 1" finish nails driven through pilot holes. Finish the cabinet.



**11.** Build overlay drawers, and finish them to match the cabinet. Install drawers and attach drawer pulls.