

Building instructions

Red the text. Make a dictionary containing 20 vocational words in a drawing. Be prepared to explain the construction.

Building a cat house is a project that can be fun and practical. This simple doghouse for cats can be customized to house a larger feline. You can build this house from one, $\frac{3}{4}$ " x 2' x 4' and one,

$\frac{1}{2}$ " x 4 x 4 plywood panel plus a few other necessities.

Material List:

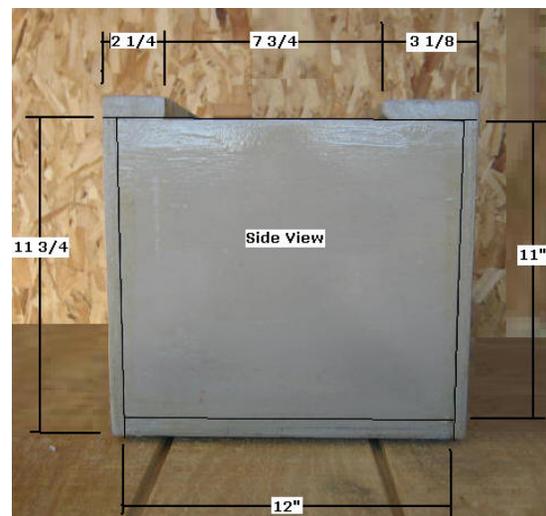
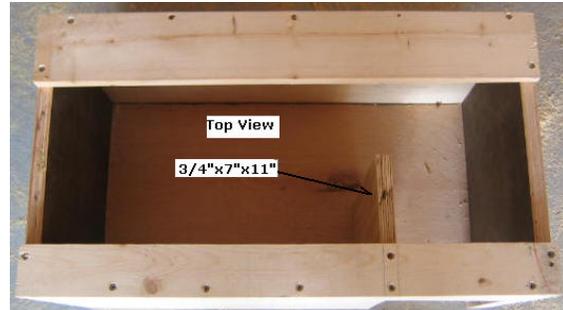
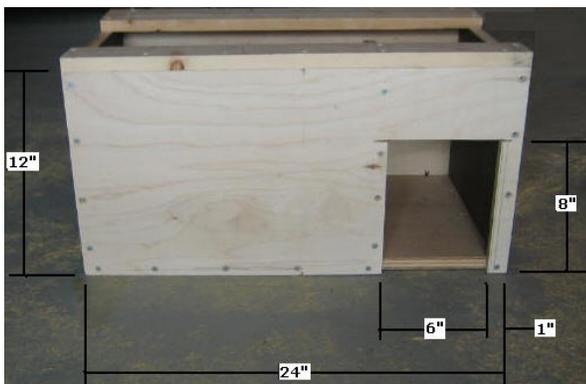
If the barn boards are not available, use one piece of $\frac{3}{4}$ " plywood, 2' x 4', for the Bottom Base and the Right/Left Side panels.

One piece of $\frac{1}{2}$ " x 4' x 4' plywood for the Front, Back base panels and the roof pieces.

One piece of 1" x 6" x 48" piece of pine.

1 $\frac{5}{8}$ " Woodscrews.

Six, three-tab Shingles.



Step 1, Cut the House Base Pieces - Select 3/4" x 24" x 48" plywood panel; crosscut the panel in half (two squares @ 24" x 24").

Select one of the halves and rip it in half (two rectangles @ 12" x 24"); one of these panels will be the Bottom, Base panel.

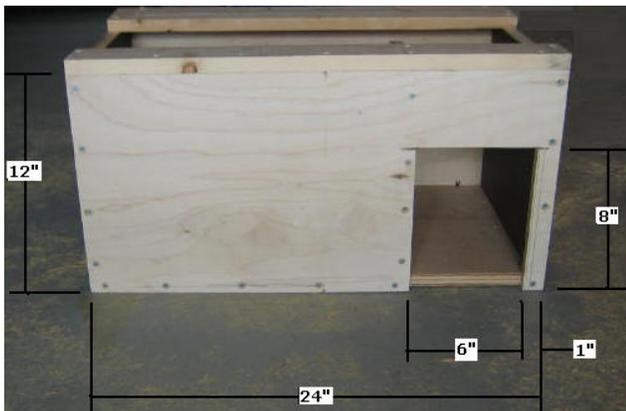
Select the other half, 12" x 24" rectangle; crosscut this one in half (two squares @ 11" x 12"); these two squares will be the Left/Right Side panels.

Select 3/4" plywood; cut out a rectangle @ 7" x 11" for the wall divider.

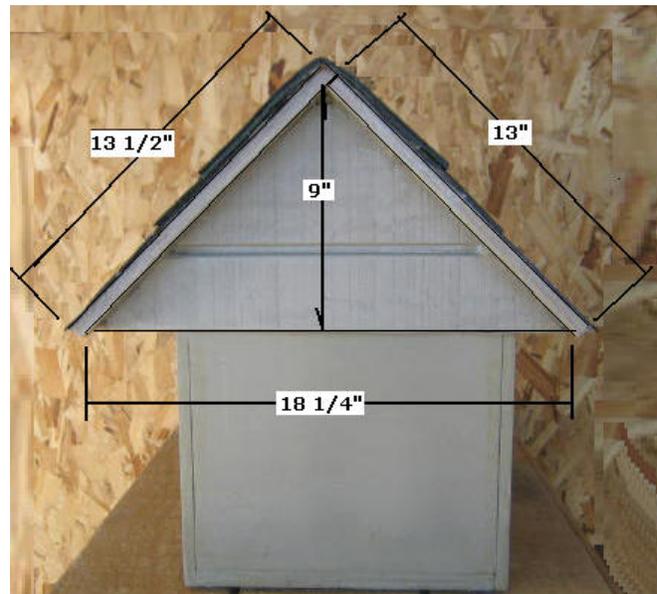
Select the 1/2" x 48" x 48" plywood; Cut out two rectangles @ 12" x 24" for the Front and Back panels.

Select the Front panel and cut out the doorway.

Select the 1 x 6 x 48" pine; Cut out one piece @ 2 1/4" x 24" and one piece @ 3 1/8" x 24"; these will be used as the top braces.



Step 2, Assemble the Base - Select the Bottom, the Front, Back, Divider, Top Braces, and two Side panels; attach them with 1 5/8" screws as shown above (pre-drill and counter sink each screw hole).

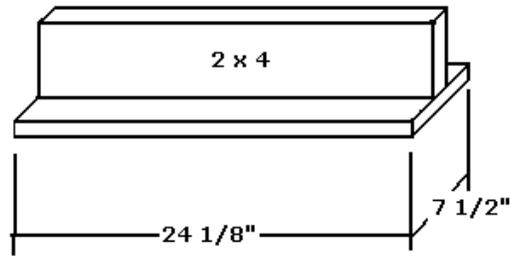


Step 3, Cut the Roof Pieces - Select the 1/2" plywood; cut two right triangles @ 18 1/4" x 9" as shown above for the roof end pieces.

Select 1/2" plywood; cut two rectangles; one @ 13 1/2" x 28" and one @ 13" x 28" as shown above for the roof tops.

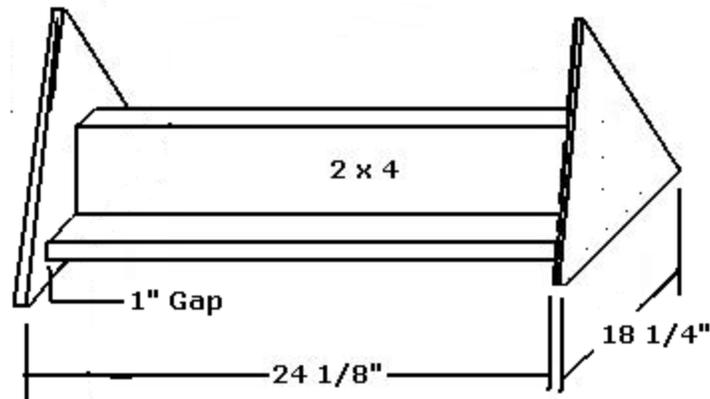
Select 2 x 4 and cut it to 24 1/8" for the roof support piece.

Select 3/4" plywood; cut one rectangle @ 24 1/8" x 7 1/2" as shown above for the Roof Base.



Step 4, Assemble the Roof- Select the 24 1/8" x 7 1/2" Roof base and the 2 x 4 x 24 1/8" Roof Support piece and attach the 2x4 to the 3/4" plywood on center as shown above

Center the triangle ends on the 2 x 4



Select the two Roof End triangles and attach them to the Roof Base/Support pieces; allow the bottom of the triangular ends to hang 1" below the Roof base.
 Select 1/2", two rectangles; one @ 13 1/2" x 28" and one @ 13" x 28" roof tops and attach them to the triangle ends as shown above with the two inch overhang on each end.
 Select tar paper and shingles and apply.



Step 5, Finish the House- Apply edging material, fill all holes with wood plugs and/or filler, sand, and apply stain/poly or paint; seal the floor against moisture. Once the poly has cured, apply carpeting to the floor and a flap door. Find your cat and stick it in there.