

Standard 6ft “A” Frame Picnic Table

This basic table is tried and true and has been around for many years. It is very simple to construct and will last for years.

It comes in many different designs. This one is made solely of 2x4 dressed, treated lumber.

Equipment Required

It could be made with a hand saw and miter box however it would be easier with an electric circular saw. (Or even a drop arm miter saw.)

A hammer. A square. A small hand plane. Adjustable spanner.

A drill with a 3/8 bit. (2 1/2” holesaw)

Materials list

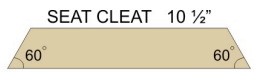
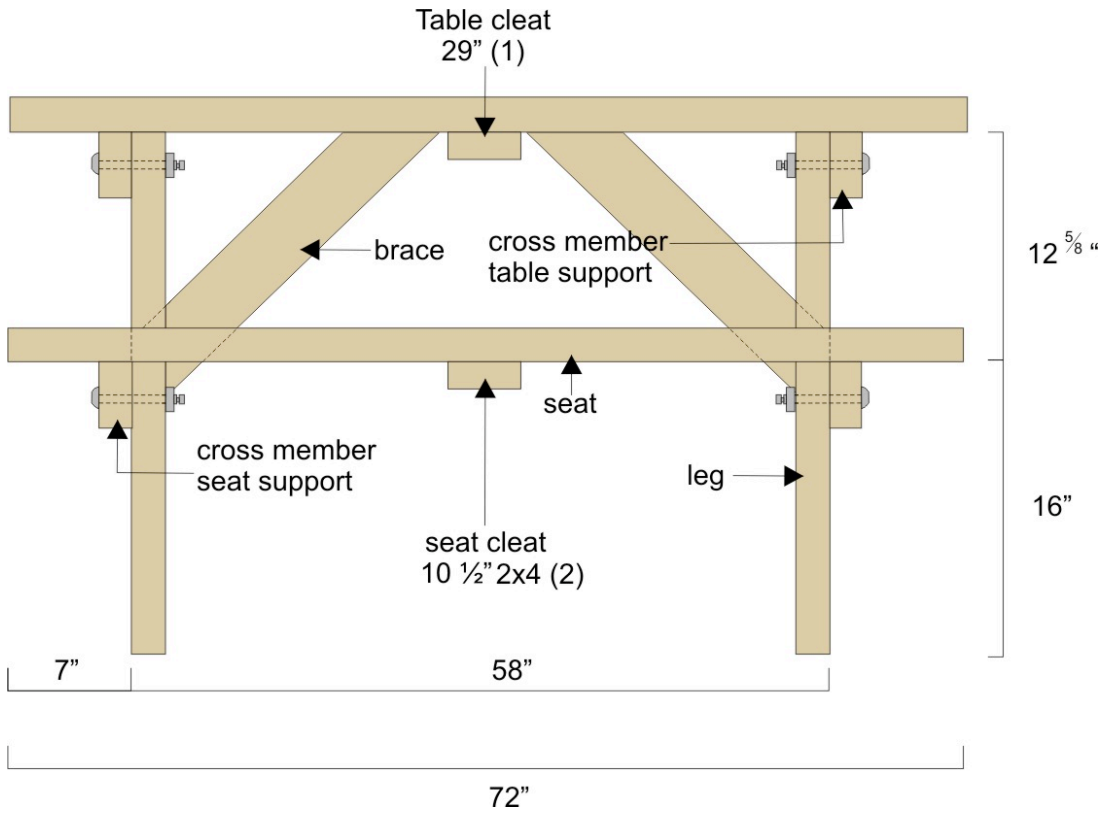
117 ft 2x4” dressed treated lumber

8 3/8” x 4” galvanized carriage bolts

Approx 110 3 1/2” galvanized flathead nails

Cutting list

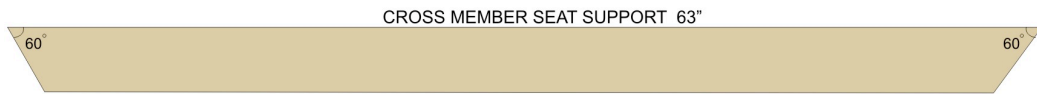
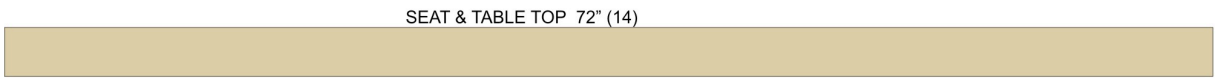
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|---------------------|--------------------|-------------------------------------|
| 1) Seat & table top | 14 pieces @ 72” | (1830mm) cut square |
| 2) Seat supports | 2 pieces @ 63” | (1600mm) 60 degrees opposite angles |
| 3) Table support | 2 pieces @ 29” | (735mm) 60 degrees opposite angles |
| 4) Legs | 4 pieces @ 33” | (840mm) 60 degrees parallel angles |
| 5) Braces | 2 pieces @ 24” | (610mm) 45 degrees opposite angles |
| 6) Table cleat | 1 piece @ 29” | (735mm) 60 degrees opposite angles |
| 7) Seat cleat | 2 pieces @ 10 1/2” | (265mm) 60 degrees opposite angles |



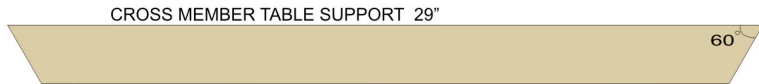
ON FLAT EDGE



ON FLAT EDGE



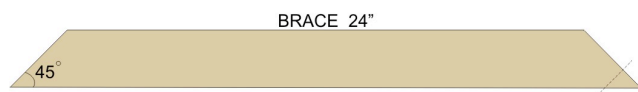
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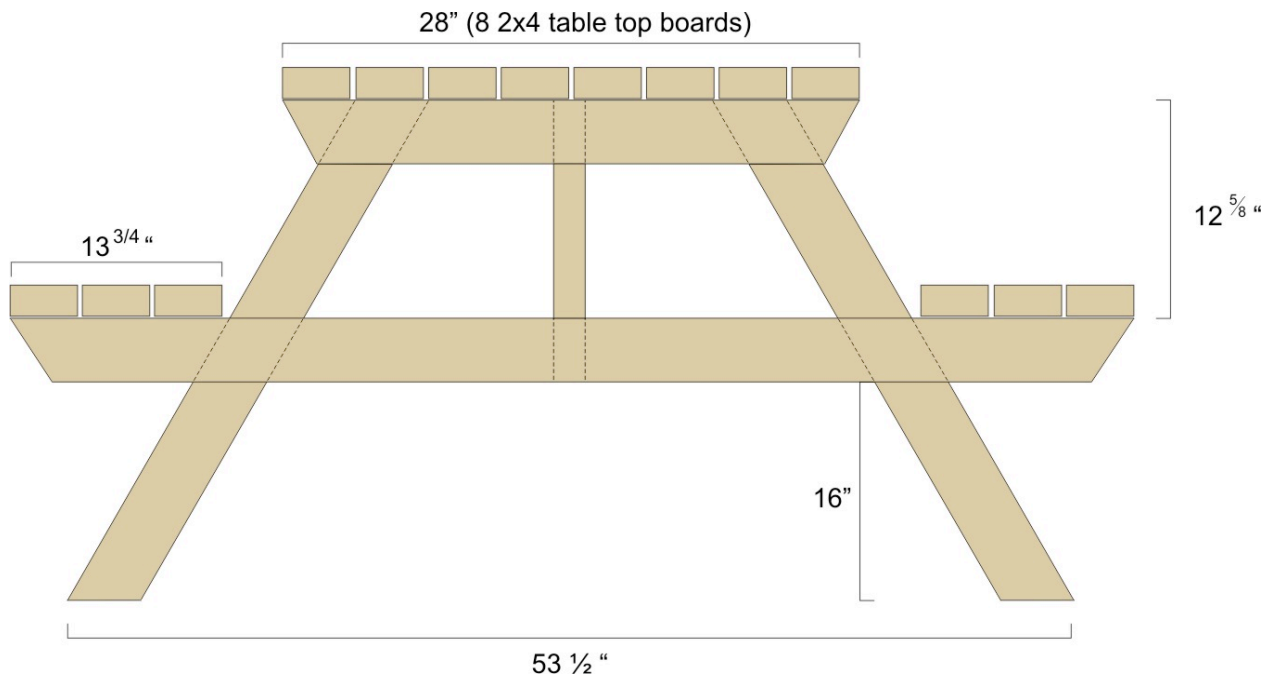


EDGE

CUT OFF 1 1/2"



4" X 3/8" CARRIAGE BOLT (8)



Instructions

- 1) Cut all the lumber as per the cutting list.
- 2) On a flat surface make up one of the end frames to the measurements in the diagram. Tack it together with nails.
- 3) Make up the second end frame so that it is a perfect match of the first.
- 4) If all measurements are ok, drill the 8 holes and bolt the frames together.
- 5) Stand the frames up with the legs on the inner side facing each other. Place one of the table top pieces on the outside edge and tack in place 7" from the outside edge. Then tack the other outside table top board in place.
- 6) Check the distance between the legs. Adjust and then tack in place the 2 outer seat boards also at 7" from the end.
- 7) Check for square. (Measure corner to corner.) Check to see if 8 boards are going to fit on the table top. (Some lumber varies a little in width.) If ok, nail in place all of the table top and the seats so that the 2x4's are hard up against each other.
- 8) Mark the centre of the table top and fit the table cleat underneath. This is on its flat side. Nail in place from the top.

- 9) Mark the centre of the seats and nail in place the 2 seat cleats from the top.
- 10) Turn the table upside down. You now need to make sure that the end frames are square and vertical. Use your square. Tack a temporary brace to make sure it doesn't move. Now fit the 2 braces. These you have cut to 45 degrees. One end will be attached to the seat support and the other to the 2x4's of the table top.
- 11) Turn back upright. Nail the braces from the top and the ends as well. Tidy up the furry edges with a hand plane.
- 12) If you require an umbrella hole you will need a 2 1/2" hole saw to drill a hole in the centre of the table.
- 13) When using CCA treated timber, especially H4 grade, use screws coated with polyurethane which are green in colour. All other metal screws whether galvanized or stainless will eventually be corroded by CCA. Not polyurethane.
- 14) Enjoy.

You can easily build your own [Octagonal or Hexagonal](#) picnic table in just one weekend.



[Click here](#) to see these stunning, easy to build picnic tables.



Small Hexagon

This suburb little table can seat 6 adults very comfortably. The table top measures **47"** (1190mm) to the parallel sides. It is very simple to construct because all of the angles on the table are 60 degrees. Even with a minimum of tools it should take no more than a day to build.



Large Hexagon

This table can seat 12 people very cosily. The table top measures **57"** (1450mm) to the parallel sides. It is also very simple to construct because all of the angles on the table are once again 60 degrees.



Small Octagon

This table would make a stunning addition to your patio. It can seat 8 adults very comfortably plus a few kids as well. The table top measures **64"** (1625mm) to the parallel sides. All of the angles on the table top and seats are 45 degrees while the angles of the legs are 60 degrees.



Large Octagon

This is the mother of all tables. Very large. It can seat 16 people comfortably. The table top measures a massive **80"** (2035mm) across to the parallel sides. Despite its size it is still very simple to construct because

there are still only 2 angles on the table, 45 degrees and 60 degrees. You may need some friends to help shift it into position though.

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