

CHIEF'S SHOP PLAN OF THE WEEK



SIMPLE WOODWORKING: ROCKING HORSE



Photo by Brian Francis
brianfrancisphotography.com

ABOUT THESE PLANS

On this first page you will see above the project complete. On the [last page](#) you'll find the finished outer dimensions. Be sure to read ALL of the project steps before you start.

To the right is a list of the Lumber, Hardware/Supplies, and Tools you will need to complete this project. A measuring tape and pencil are not included because that should be pretty standard and self explanatory.

Below What You'll Need is the Parts list. This also is included on the [Cutting Diagram](#) page, which is the next to last page of this plan document. Also on the [Cutting Diagram](#) page is an estimate of the cost of the lumber. This estimate doesn't include any other supplies and does not factor in sales tax.

Throughout these plans you'll find the icons below:



LAYOUT This indicates a diagram detailing the dimensions of a project part and/or the placement for pocket holes, screws, nails, etc.



NOTE Notes are the instructions for a particular step/section of the project.



TAKE CARE! This indicates when to pay close attention to the diagrams, take precautions for safety, etc.



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WHAT YOU'LL NEED



LUMBER

- 1 - 1 x 3 x 4
- 2 - 1 x 3 x 6
- 2 - 1 x 4 x 6
- 1 - 1 x 6 x 4
- 1 - 1 x 8 x 4
- 1 - 3/4" x 36-inch round dowel

(availability will vary)

HARDWARE/SUPPLIES

- 2 1/2" pocket hole screws
- 2 1/2" wood screws
- 1 1/4" brads
- pocket hole plugs
- wood filler
- wood glue
- paint/stain

TOOLS

- table saw
- miter saw
- jig saw/band saw
- sander/belt sander
- drill/driver
- Kreg Pocket Hole Jig
- clamps
- square
- compass/flexible metal ruler



PARTS

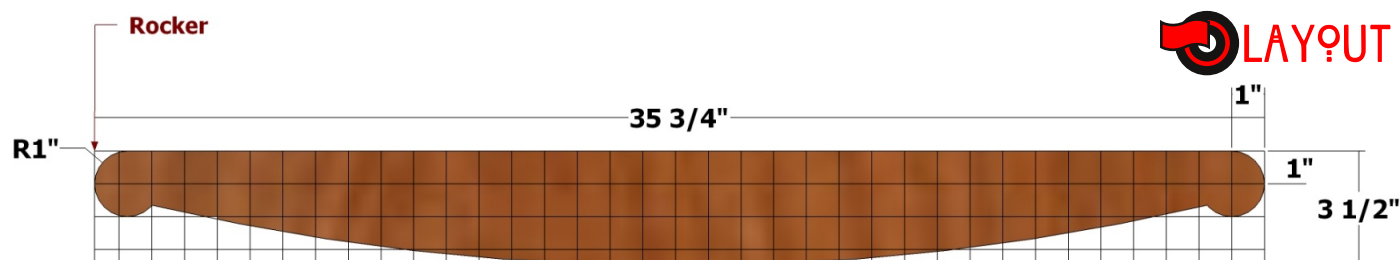


- Rockers (4)** - 3/4 x 3 1/2 x 35 3/4
- Head (2)** - 3/4 x 7 x 14 1/4
- Body (2)** - 3/4 x 5 1/2 x 15 1/2
- Mane (2)** - 3/4 x 1 1/2 x 6 1/4
- Legs (8)** - 3/4 x 2 1/2 x 10
- Handle (1)** - 3/4 x 9
- Seat (1)** - 3/4 x 7 1/4 x 14 1/4
- Slats (6)** - 3/4 x 2 1/2 x 15

All parts are listed in actual dimensions. Refer to the Cutting Diagram on the last page of this plan as a guide for determining the specific board from which to cut the parts.

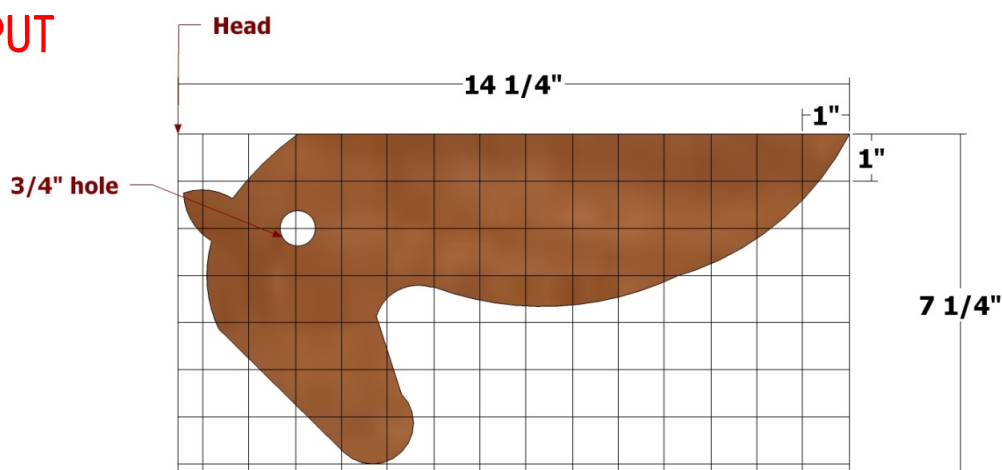
VIDEO?

Check out Chief's Shop Videos on YouTube. ([click here](#))

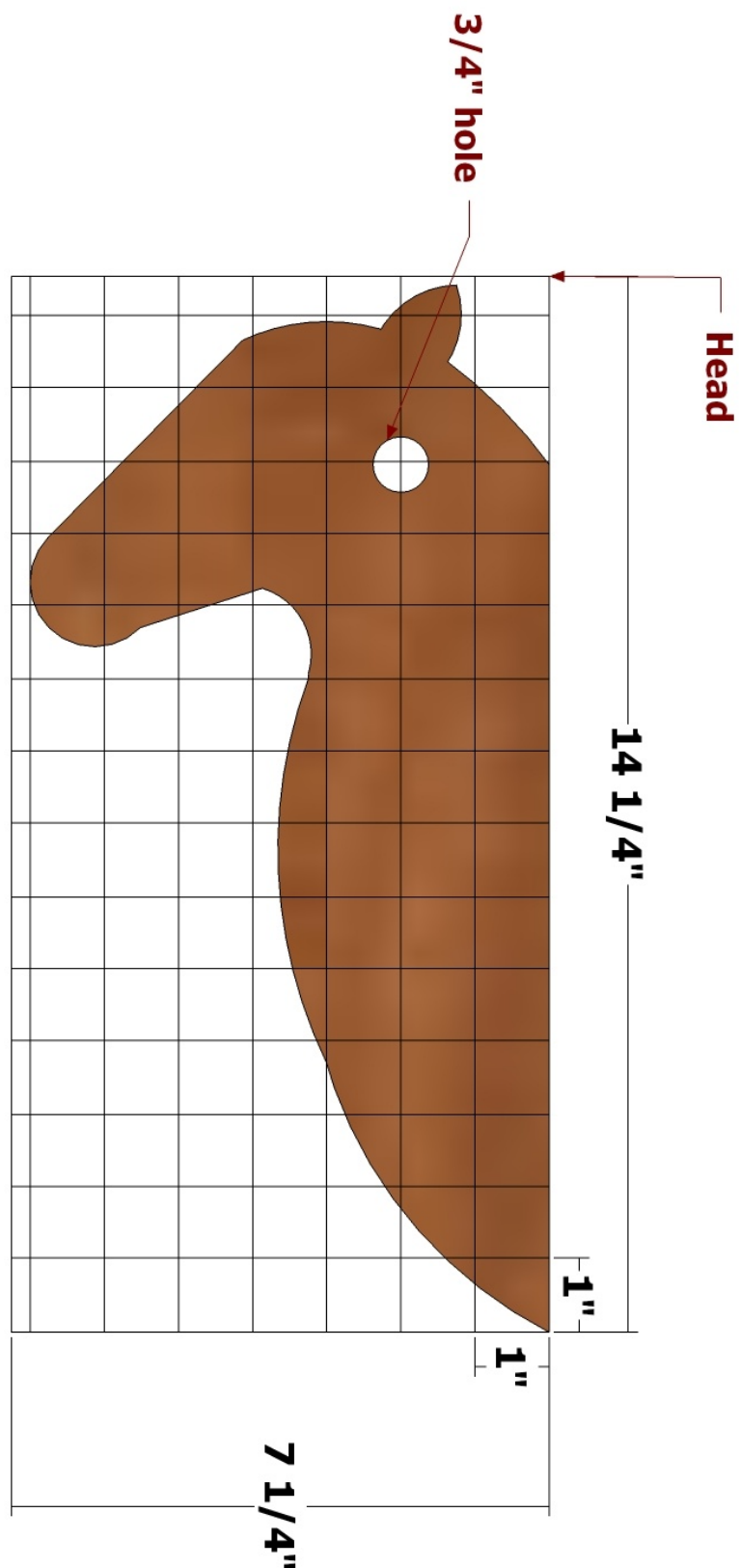


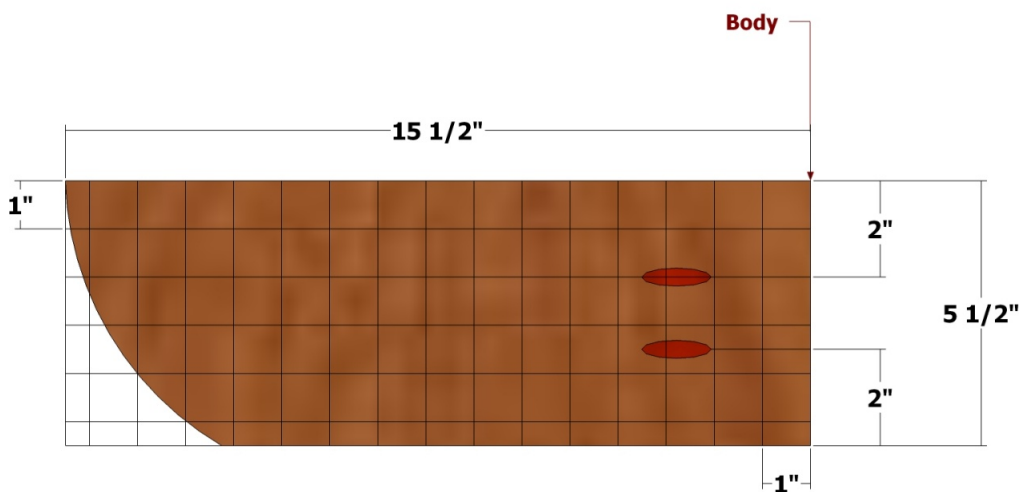
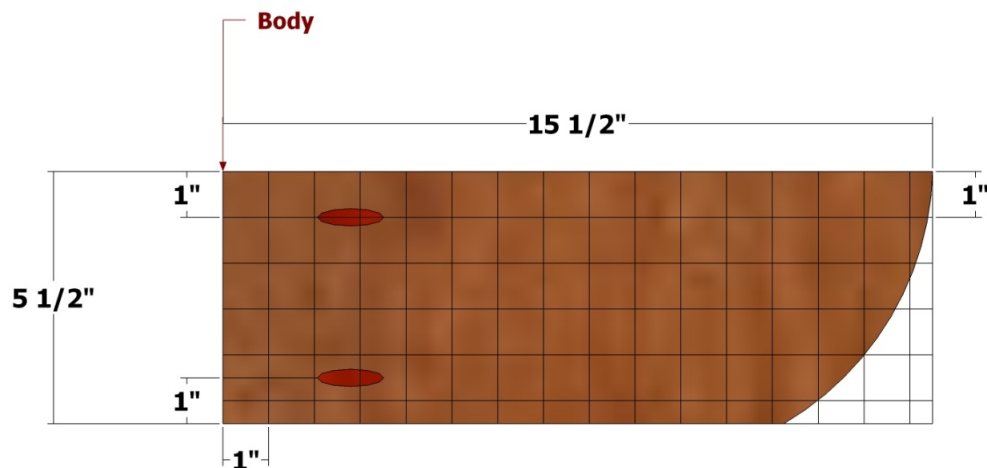
 **NOTE** Cut four pieces from 1 x 4s to 35 3/4" and glue two together at a time to create two blanks measuring 1 1/2 x 3 1/2 x 35 3/4. Use this layout as a guide for measuring, marking, and the **Rockers**. **Cut one, then use it as a guide for marking the second one.**

 **LAYOUT**

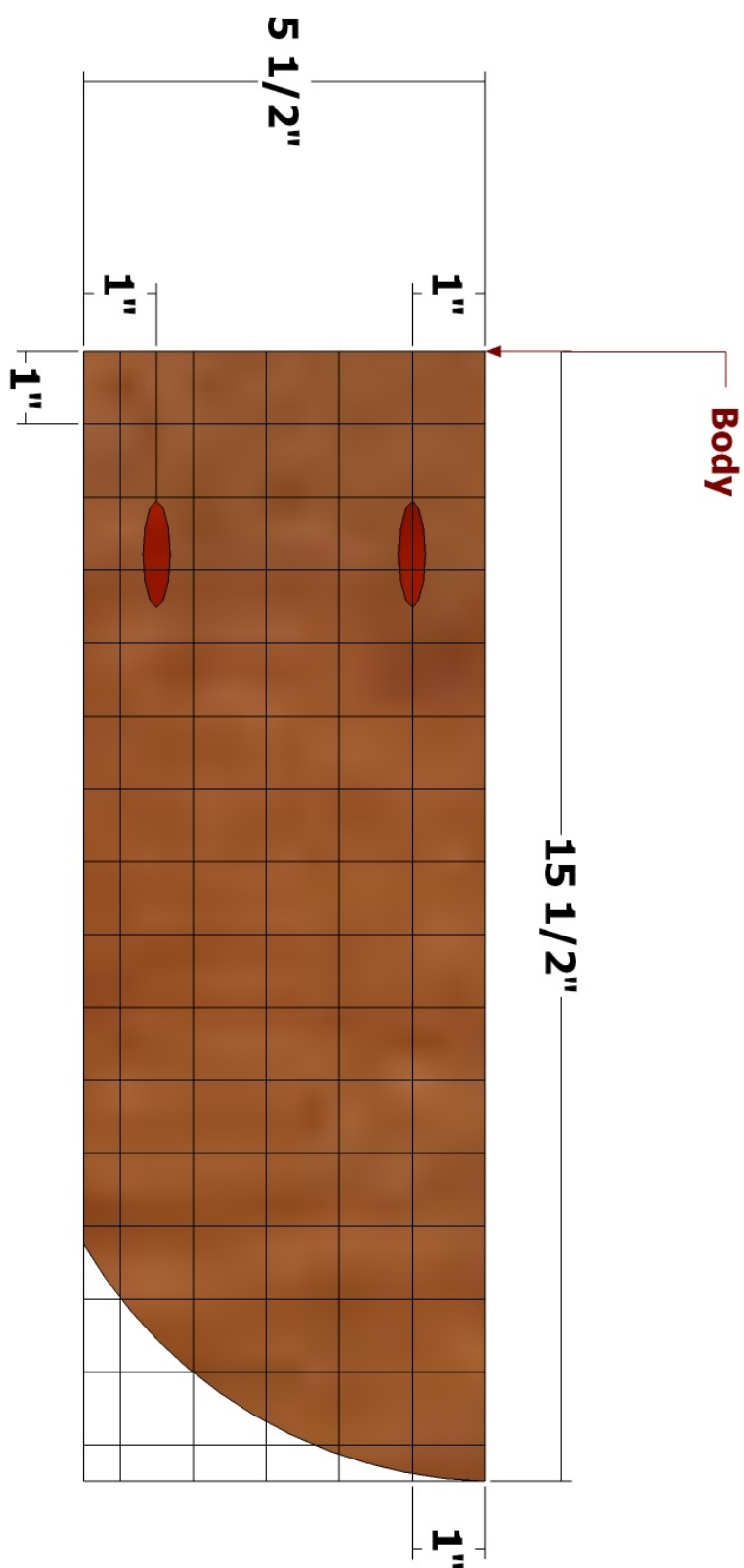


 **NOTE** Cut two pieces from 1 x 8 to 14 1/4" and glue two together create a blank for the **Head**. Use this layout as a guide for measuring, marking, and the **Head**. **A larger layout is on the next page.**



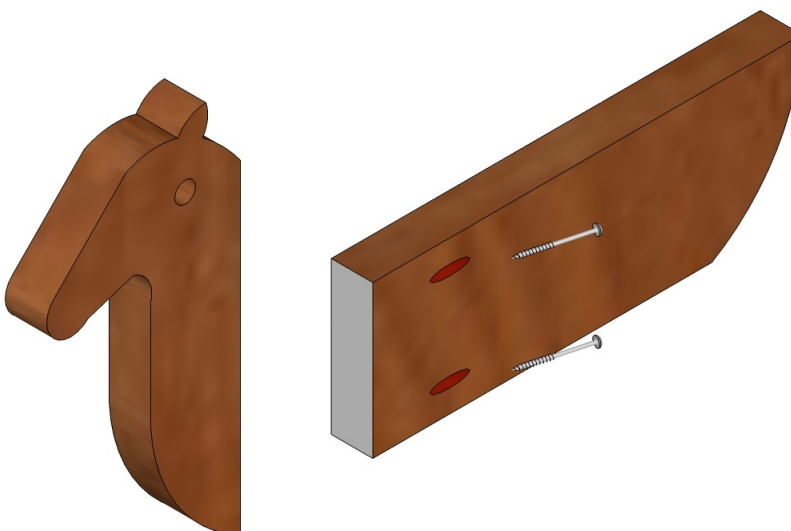


Cut two pieces from 1 x 6 to 15 1/2" and glue them together create a blank for the **Body**. Use this layout as a guide for measuring, marking, and the **Body** and for drilling two pocket holes on each face as shown. Set your jig and drill bit for 1 1/2" stock. A larger layout is on the next page.

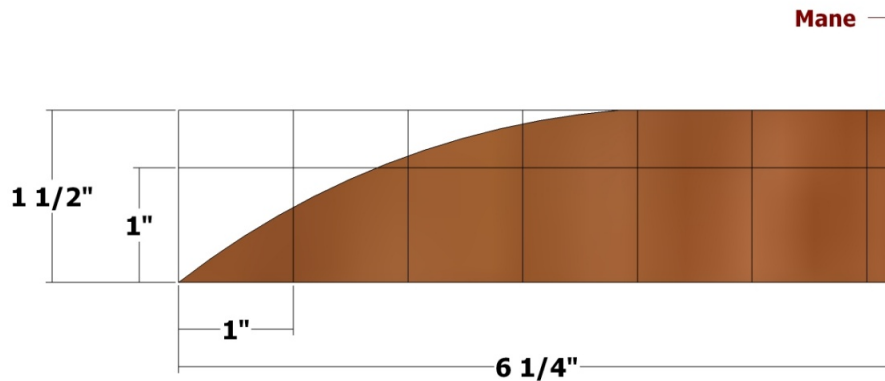


NOTE

Position the **Body** flush with the bottom edge of the **Head** and attach using glue and 2 1/2-inch pocket hole screws. Fill the pocket holes with wood filler or pocket hole plugs.



LAYOUT

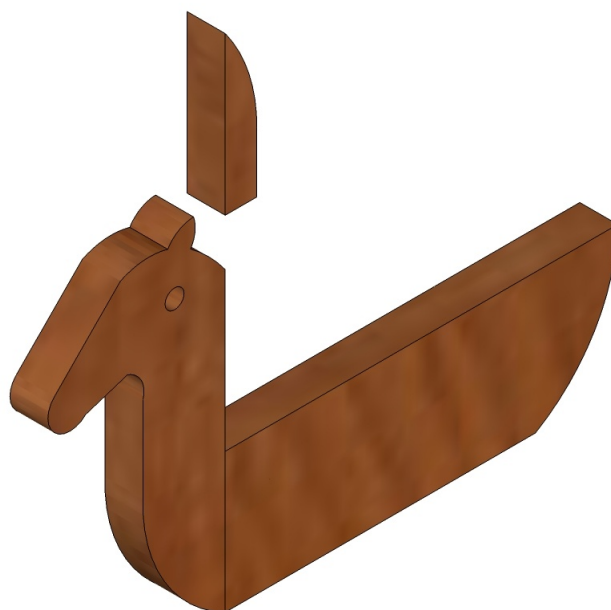


NOTE

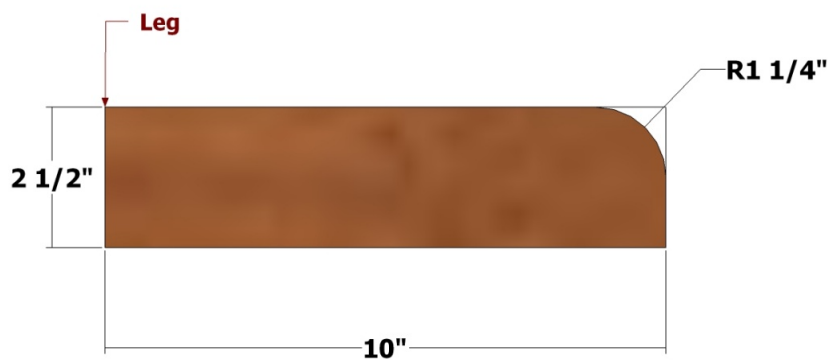
Cut two pieces from 1 x 3 x 4 to 6 1/4" and glue them together create a blank for the **Mane**. Use this layout as a guide for measuring, marking, and the **Mane**.

NOTE

Apply glue to the long edge of the **Mane**, position it flush against the **Head** and **Body**, and clamp in place. Allow the glue to set.



LAYOUT

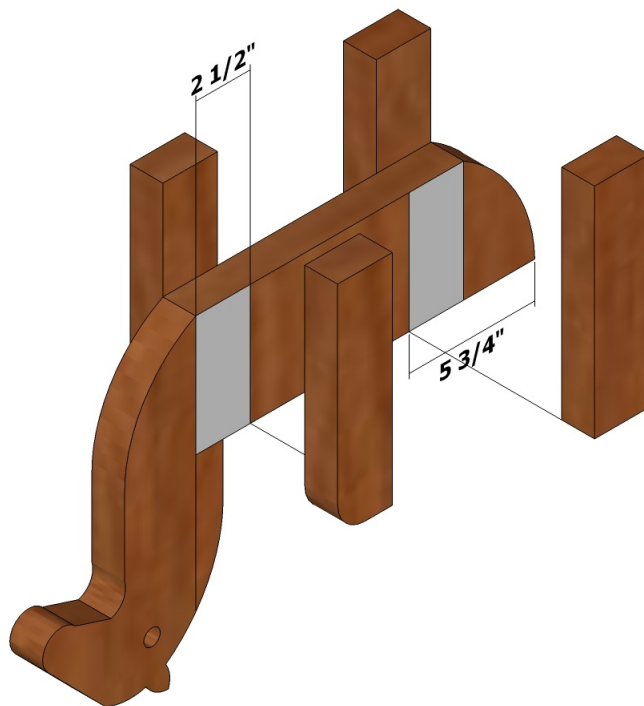


NOTE

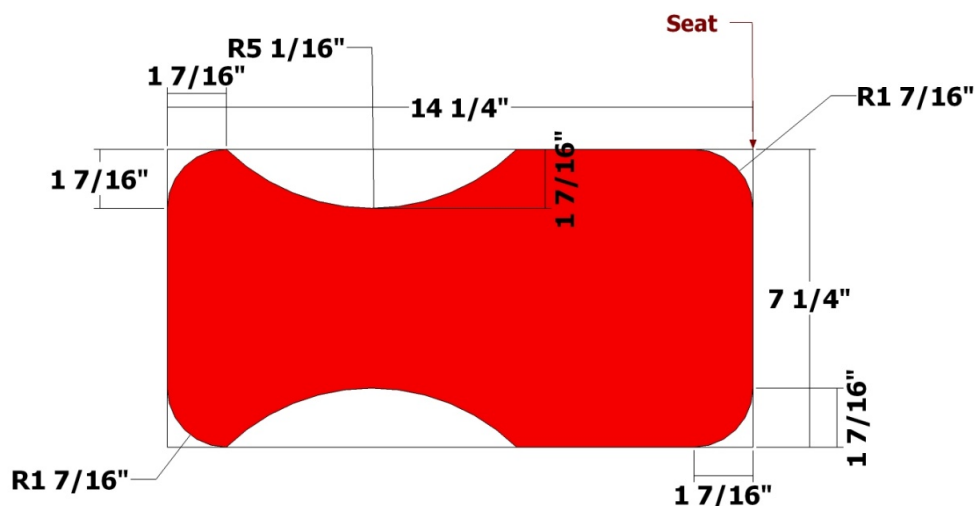
Cut eight pieces from 1 x 3 x 4 to 10" and glue them together in pairs to create blanks for the **Legs**. Use this layout as a guide for measuring, marking, and two of the **Legs**. Leave the other two as is.

NOTE

Position the **Legs** as shown, with the Legs with the curved ends at the **Head**. Make sure the top ends of the **Legs** are flush with the top edge of the **Body**. The front edge of the curved-ended **Legs** should be flush with the joint of where the **Head** meets the **Body**. Attach using glue and 2 1/2-inch wood screws. Drill countersunk pilot holes for the screws deep enough to allow for a plugging with a dowel. Match the dowel to the diameter of your countersink bit, apply glue to the hole, insert the dowel by twisting it, and cut it flush using a flush-cut saw.



LAYOUT

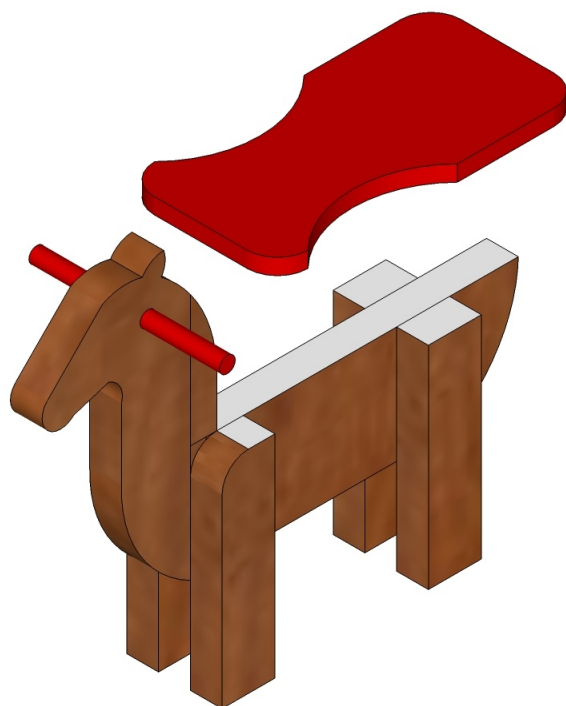
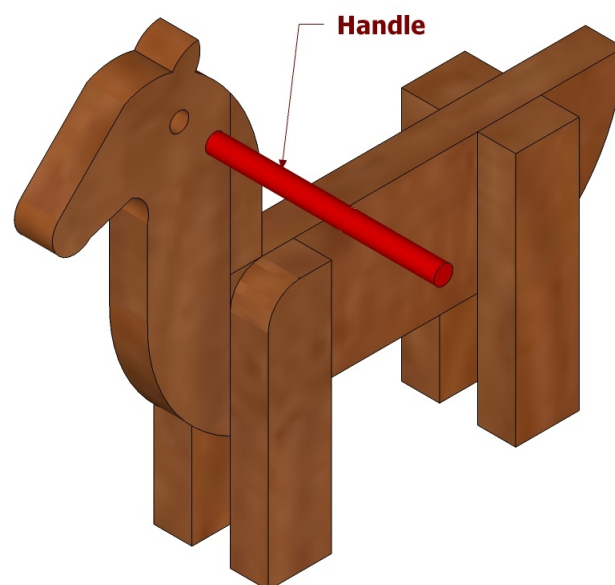


NOTE

Use the layout as a guide for measuring, marking, and cutting the **Seat**.

NOTE

Insert the **Handle** through the head. To slide it through easily, you may want to rub wax along the Handle. You can allow it to free float, or you can keep it in place by drilling a hole (not completely through) in the **Handle** on either side of the head and inserting a short segment of 1/4-inch dowel.

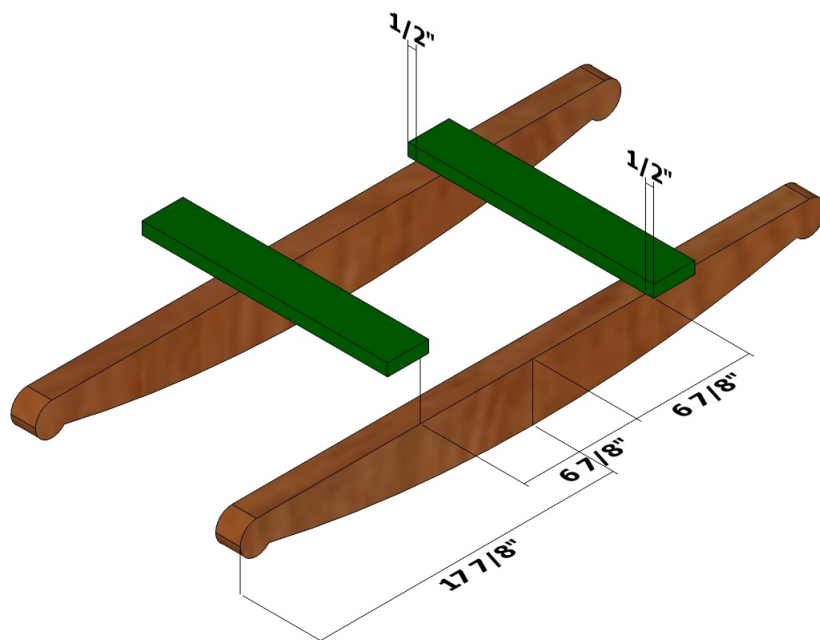
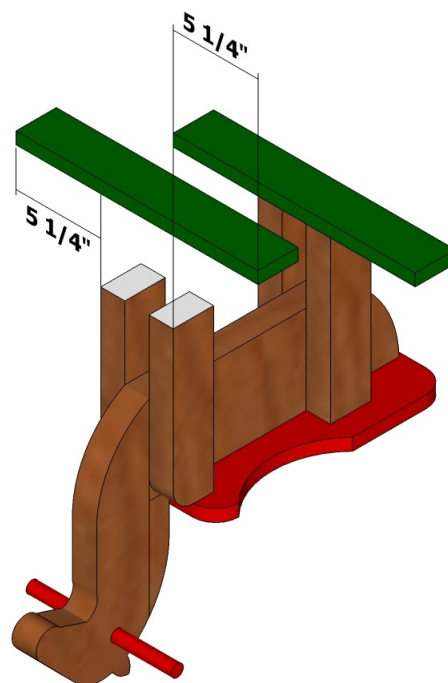


NOTE

Position the **Seat** centered on the **Body** and tops of the **Legs** and attach using glue and 1 1/4-inch brads.



Position two **Slats** as shown and attach using glue and 2 1/2-inch wood screws. Countersink and plug the holes if desired.



Position two **Slats** as shown and attach using glue and 2 1/2-inch wood screws. Countersink and plug the holes if desired.



Position the **Horse Assembly** as shown and attach using glue and 2 1/2-inch wood screws. Countersink and plug the holes if desired. Position the remaining two slats as shown, spaced equidistantly apart (roughly 3/4-inch) and attach using glue and 2 1/2-inch wood screws. Countersink and plug the holes if desired.

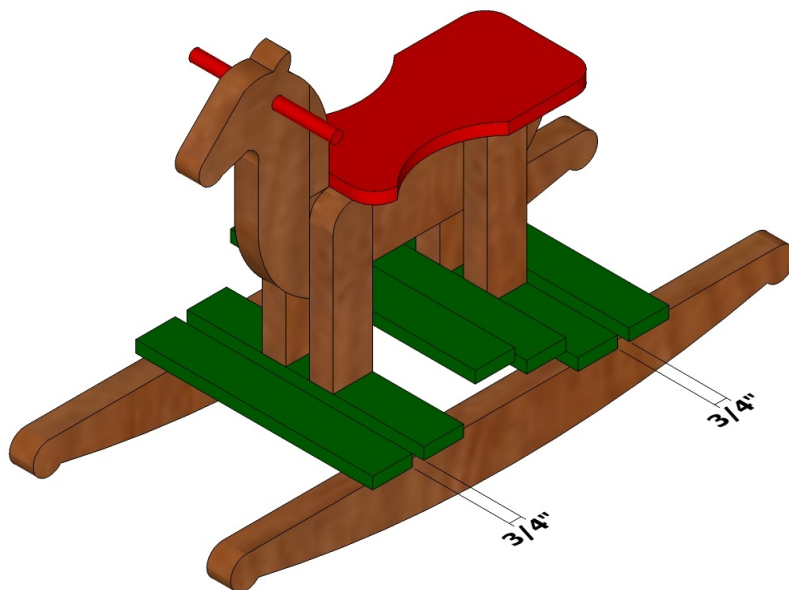


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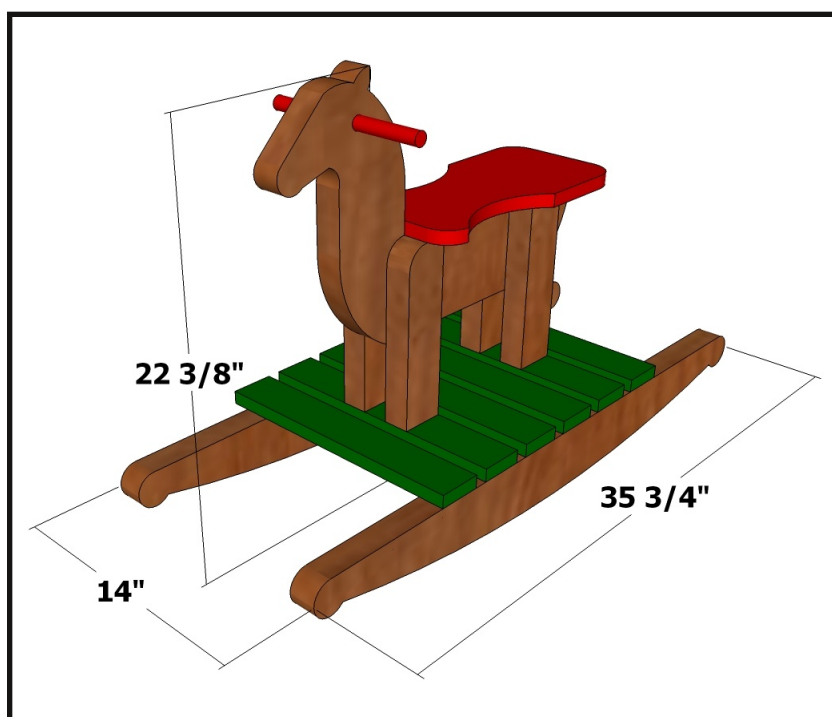
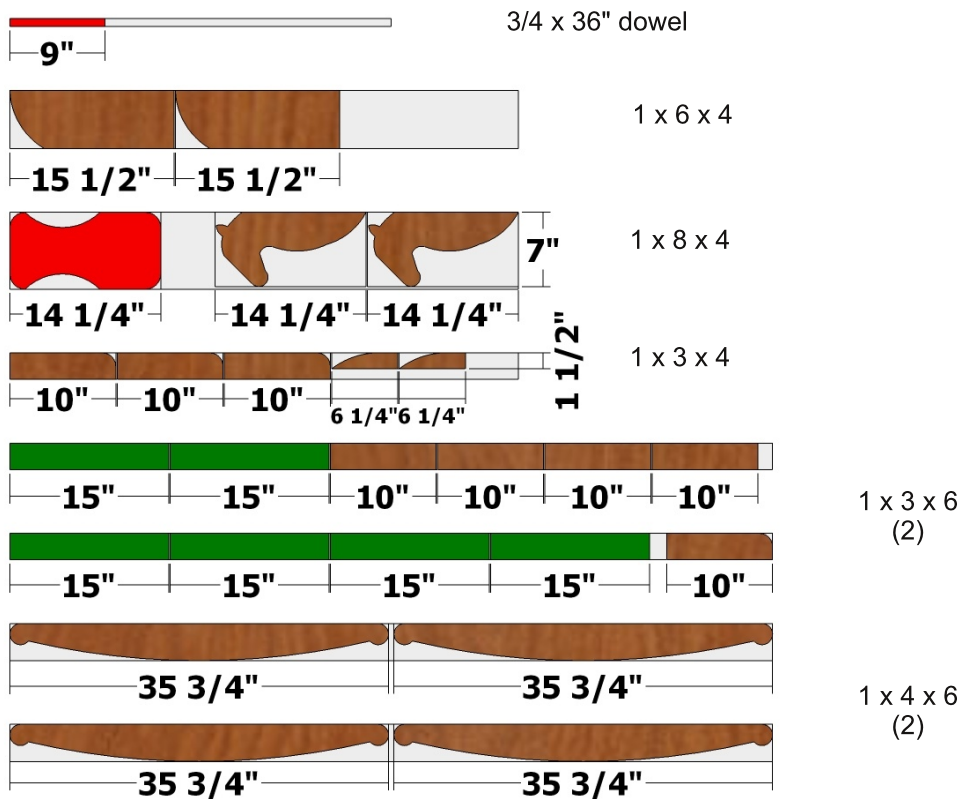


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CUTTING DIAGRAM



PARTS

Rockers (4) - 3/4 x 3 1/2 x 35 3/4
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TAKE CARE!

Follow ALL SAFETY GUIDELINES AND RECOMMENDATIONS provided by the manufacturers of your tools, and any chemicals such as glue and finishes you use in this project. YOU are responsible for your safety, so use common sense when working in the shop!