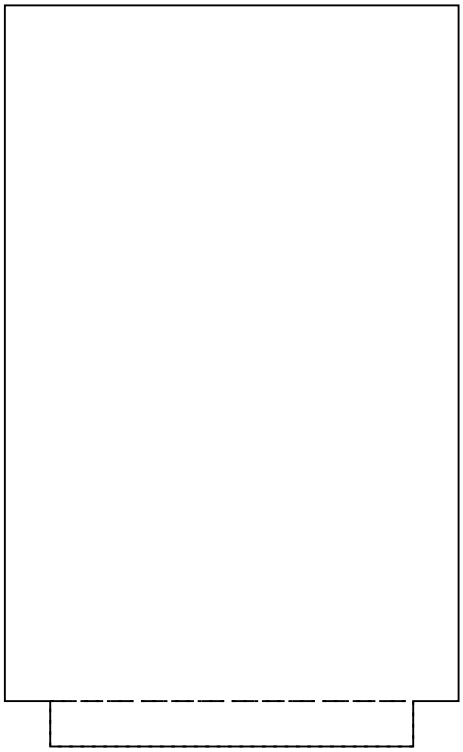
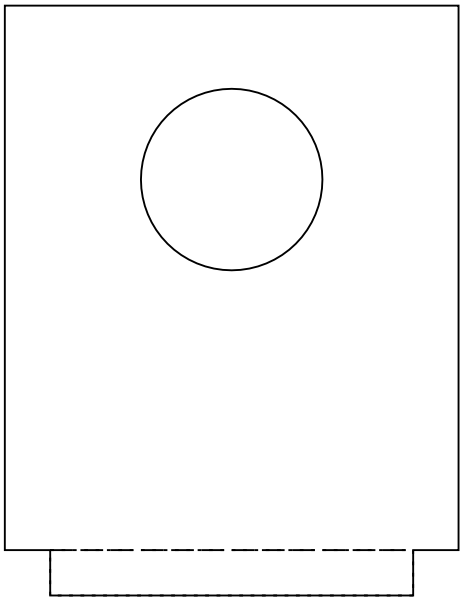
Shed-roof Decorative Birdhouse

birdhouse / 1.0.0 / A4 / Template page 1

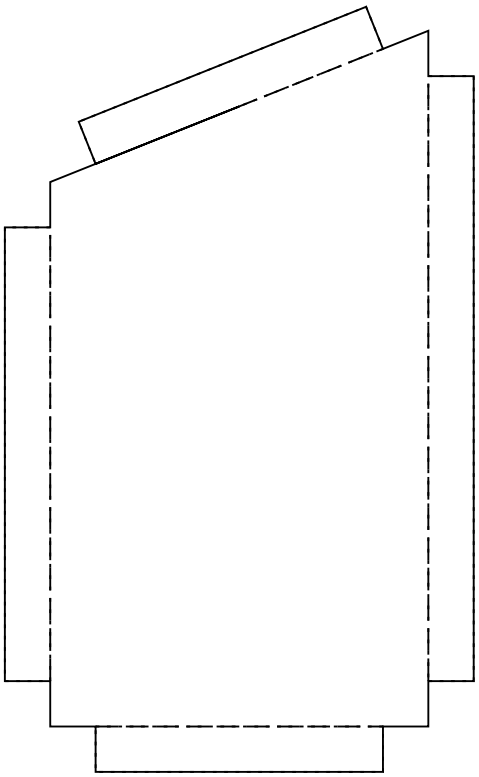
B | cut 1
60.00 x 98.00 mm



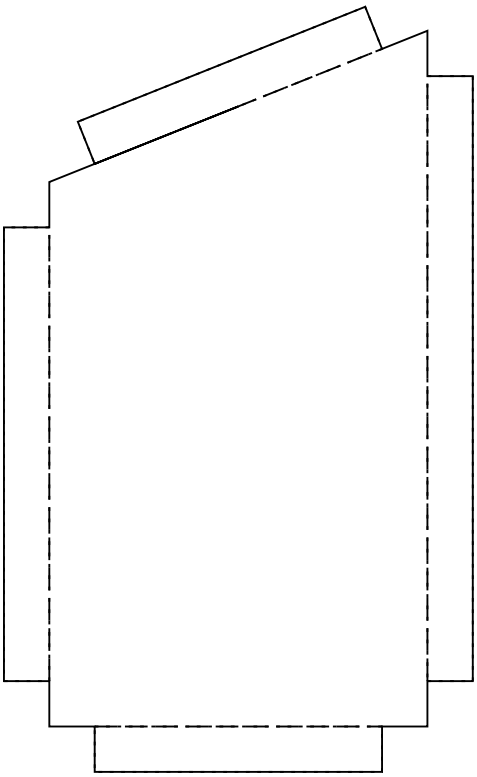
E | cut 1
60.00 x 78.00 mm



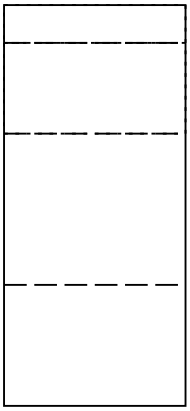
L | cut 1
62.00 x 101.17 mm



R | cut 1
62.00 x 101.17 mm



P | cut 1
24.00 x 53.00 mm



Solid: cut | Dashed: valley | Dash-dot: mountain | Dotted: glue

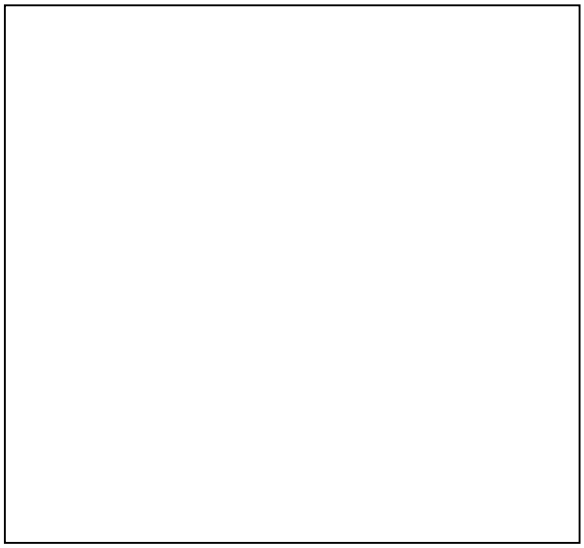
50 mm calibration

Print at 100% / Actual size. Do not fit to page. Original paper craft template.

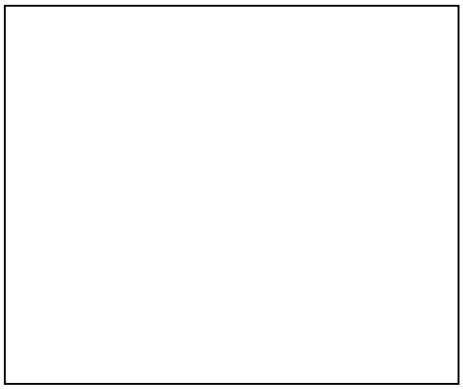
Shed-roof Decorative Birdhouse

birdhouse / 1.0.0 / A4 / Template page 2

T | cut 1
76.00 x 71.08 mm



F | cut 1
60.00 x 50.00 mm



Solid: cut | Dashed: valley | Dash-dot: mountain | Dotted: glue

50 mm calibration

Print at 100% / Actual size. Do not fit to page. Original paper craft template.

Shed-roof Decorative Birdhouse

birdhouse / 1.0.0 / A4 / Assembly instructions

Finished size: 76 wide x 74 deep x 95.2 high mm; body 60 x 50 mm

Materials: 200-220 gsm cardstock; PVA craft glue; Scissors; Craft knife and cutting mat (adult use); Ruler and blunt scoring tool

Original indoor tabletop decoration only. Not wildlife housing, a feeder, or an outdoor object; do not place live animals inside.

Seven physical cut pieces. The entry is a 24 mm diameter circular cutout sampled with 64 edges, not a printed circle.

Exact piecewise-rigid nets include every structural tab and the perch lap. Roof rises 20 mm over the 50 mm body depth; overhang is 8 mm on each side in plan.

Paper and glue thickness are idealized as zero; bonded surfaces coincide in the preview. Perch ends remain open intentionally. No hidden supports or extra pieces.

Physical printing, cutting, assembly, glue access, roof seating and tabletop stability remain pending. Digital validation is not physical approval.

Part inventory (cut each instance once):

F: Stable full floor

E: Entry wall

B: Tall rear wall

L: Sloped side with support tabs

R: Sloped side with support tabs

T: Single slope overhang roof

P: Raised triangular paper perch

1. Print, cut and score [F]: Print at 100 percent actual size; check the 50 mm ruler. Cut all seven labelled pieces and remove the 24 mm circle from E with a knife on a mat. Score dashed lines before folding. Keep F flat: its 60 x 50 mm rectangle is the full floor.

2. Stand the front and rear [E, B]: Fold the 6 mm bottom tabs of E and B inward 90 degrees. Glue their undersides onto the top of F: E along the front 60 mm edge and B along the opposite edge, 50 mm behind E. The walls stand 72 and 92 mm above the floor. Hold square until set; the round hole center is 30 mm from either side and 49 mm above F.

3. Close the sloping sides [L, R]: Fold the bottom and front/rear tabs inward 90 degrees on L and R. Glue bottom tabs to F and vertical tabs to the inside faces of E and B, all with 6 mm overlap. L and R occupy the 50 mm floor edges, 60 mm apart. Their low 72 mm ends face E; tall 92 mm ends face B. Keep the bottom level and let the shell dry with its roof open.

4. Form the raised perch [P]: P is 24 x 53 mm. Fold parallel to its 24 mm edges at 16, 36 and 48 mm from the top-strip start. Wrap a triangular tube: 16 mm horizontal top, 20 mm diagonal underside, 12 mm vertical rear. Internal corner angles are 36.87 degrees at the nose and 53.13 degrees at the lower rear; fold the final 5 mm lap 90 degrees under the top and glue it. Leave triangular ends open. Dry before mounting.

5. Mount perch below the entry [P, E]: Glue the complete 24 x 12 mm vertical rear face of P to the outside of E, centered from x=18 to 42 mm. Its bottom is 18 mm and horizontal top 30 mm above F; its nose projects 16 mm forward. The entry bottom is 37 mm high, leaving 7 mm clearance above the perch. Support from inside the open shell while pressing, then allow to dry.

6. Seat the overhang roof [T, L, R]: Fold both 6 mm sloping upper side tabs 90 degrees inward so they lie in the roof plane. Apply glue on their upper surfaces. Center T across the 60 mm body with 8 mm overhang left and right. Its 71.08 mm sloping length covers 66 mm in plan: 8 mm beyond front and rear. The roof climbs toward B at 21.80 degrees; its front edge is 68.8 mm high and rear edge 95.2 mm. Press onto both tabs without crushing the shell and dry fully. Display on a level indoor surface; not wildlife housing.