Simple Nativity Drawing: Stable, Figures, and Star

Topic reference / ordinary illustration



Ordinary topic reference. Hypothetical dimensions in the four tasks are supplied in their own text; this illustration is not their measured answer.

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Worked example / complete source key

On a hypothetical 150 mm by 200 mm page with a 10 mm margin, place a stable base 50 mm wide centered, walls 30 mm tall, roof peak 15 mm above the walls, and a star 15 mm wide centered 8 mm above the peak. Describe the placement checks.

Answer: The usable width is 150 minus 20 equals 130 mm. Centering a 50 mm base leaves 80 mm total side space, so 40 mm on each side. The stable base is centered left to right, so its left end is 40 mm from the left margin and its right end is 40 mm from the right margin. The roof peak is centered above the base. The star center is 8 mm above the peak and centered. Check that the star does not touch the roof and that the stable base is level.