Off-Grid Cabin Drawing: Solar Panel and Water Features

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.

Off-Grid Cabin Drawing: Solar Panel and Water Features

Worked example / complete source key

Using a scale of 1 unit = 2 cm, draw a cabin front 4 units wide and 3 units tall, a roof peak 2 units above the wall top, a door 1 unit wide, and a solar panel on the right roof slope. Label the solar panel and a rain barrel.

Answer: The front wall is 8 cm wide and 6 cm tall on paper. The roof peak is 4 cm above the wall top, so total height to the peak is 10 cm. The door is 2 cm wide, centered on the midline. The solar panel is drawn as a tilted rectangle parallel to the right roof slope, smaller than that slope, with two internal cell lines. The rain barrel sits beside the cabin with a downpipe from the roof edge. Labels use lowercase letters reaching the midline.