# Draw a Fairy House: Mushroom Roof, Tiny Door, Leaf Details

Original tasks 1, 2 / independent work

## Task 1

A student records 1x as 10 mm. They draw a body 40 mm wide and 50 mm tall, a cap 70 mm wide and 35 mm tall, a door 10 mm wide and 15 mm tall, and a window 10 mm by 10 mm. Check the proportions in x units and state whether the door is tiny enough.

## Task 2

A drawing has a body 3x wide and 4x tall, a cap 5x wide, a door 1x wide and 2x tall, and a window 1x by 1x placed 0.3x from the door. Identify two proportion or clearance problems and give a fix for each.

# Draw a Fairy House: Mushroom Roof, Tiny Door, Leaf Details

Original tasks 3, 4 / independent work

## Task 3

A student wants a cap 6x wide and a body 3x wide. They plan a cap overhang of 1x on each side. Does the plan work? Show the arithmetic and state any adjustment.

## Task 4

A student records 1x as 6 mm and draws leaves 4 mm to 5 mm long. Are the leaves within the 0.5x–1x range? Show the arithmetic and suggest one valid alternative leaf count.