Floor-plan practice: Room A: feet

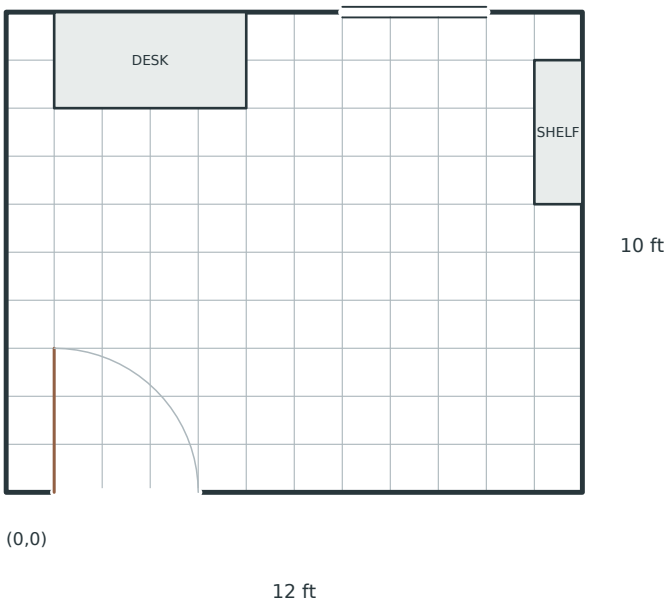
Fictional room 12 x 10 ft. Ratio 1:48. Coordinates start at the lower-left corner: x right, y up. Place each item using the table. The two room exercises are independent examples, not unit conversions.

Item / lower-left position / size (all ft)

Desk: (1, 8); 4 wide x 2 deep

Shelf: (11, 6); 1 wide x 3 deep

Door on lower wall: x=1 to 4. Window on upper wall: x=7 to 10.



Room area = 120 ft^2. Furniture footprint = 11 ft^2. Arithmetic remainder = 109 ft^2. Drawing size 76.2 x 63.5 mm. Door swing and circulation are not subtracted from this arithmetic remainder.

Drawing practice only. Not a construction, approval or accessibility plan.

100 mm

4 in

Actual size / 100%

Zumola / CC BY 4.0 / Free to print, share and adapt with attribution

Floor-plan practice: Room B: metres

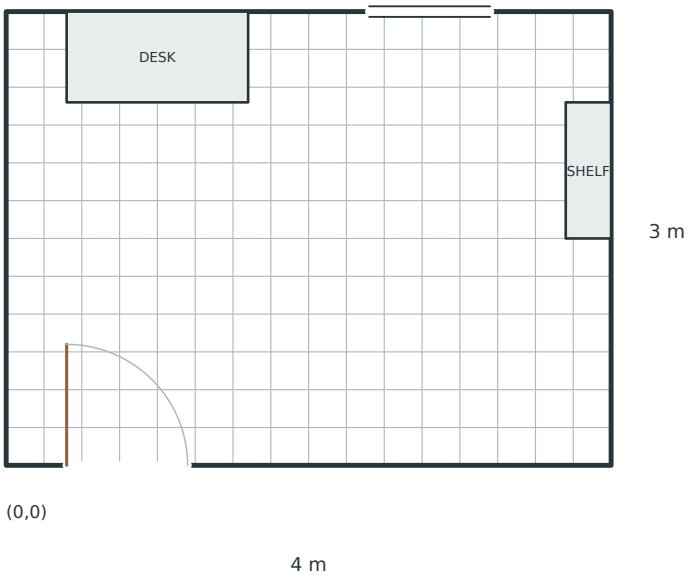
Fictional room 4 x 3 m. Ratio 1:50. Coordinates start at the lower-left corner: x right, y up. Place each item using the table. The two room exercises are independent examples, not unit conversions.

Item / lower-left position / size (all m)

Desk: (0.4, 2.4); 1.2 wide x 0.6 deep

Shelf: (3.7, 1.5); 0.3 wide x 0.9 deep

Door on lower wall: x=0.4 to 1.2. Window on upper wall: x=2.4 to 3.2.



Room area = 12 m^2. Furniture footprint = 0.99 m^2. Arithmetic remainder = 11.01 m^2. Drawing size 80 x 60 mm. Door swing and circulation are not subtracted from this arithmetic remainder.

Drawing practice only. Not a construction, approval or accessibility plan.

100 mm

4 in

Actual size / 100%

Zumola / CC BY 4.0 / Free to print, share and adapt with attribution