Isometric Chaise Lounge at 3:16 Scale: A Drawing Guide

Original tasks 1, 2 / independent work

Task 1

A chaise lounge seat is 120 cm long and 48 cm wide in reality. At 3:16, what are the paper lengths if 3 cm paper represents 16 cm real?

Task 2

You draw a scale bar 4.5 cm long and label it 3:16. If 3 cm paper represents 16 cm real, what real length does 4.5 cm represent?

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Original tasks 3, 4 / independent work

Task 3

In an isometric drawing, a seat box has paper length 18 cm and paper width 7.5 cm. At 3:16, what are the real length and width?

Task 4

A backrest is 80 cm tall above the seat in reality. At 3:16, what is its paper height? If your drawing shows 14 cm, is that within 1 cm of the calculated value?