

FIND DIMENSIONS FROM SCALE DRAWINGS: WORD PROBLEMS

Use the scales and given dimensions to answer each question.

1. Deja is looking at the floor plan of an apartment. The scale in the floor plan is 1 inch = 5 feet.
 - a. In the floor plan, the length of the bathroom is 2 inches. What is the actual length of the bathroom?
 - b. In the floor plan, the length of the kitchen island is 1.5 inches. What is the actual length of the kitchen island?
 - c. In the floor plan, the length of the whole apartment is 6.5 inches. What is the actual length of the apartment?

2. Rafael is looking at a scale drawing of the park that is going to be built near his neighborhood. The scale in the drawing is 1 centimeter = 20 meters.
 - a. In the drawing, the distance from the parking lot to the playground is 3 centimeters. What is the actual distance from the parking lot to the playground?
 - b. In the drawing, the distance from the tennis courts to the picnic area is 5.2 centimeters. What is the actual distance from the tennis courts to the picnic area?
 - c. In the drawing, the length of the walking trail that goes through the park is 21.7 centimeters. What is the actual length of the walking trail?

