Practicing Cartography Map Drawing: Legend, Scale Bar, and Compass Rose

Ordinary topic reference / separately checked pixels



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Original worked example / unchanged complete key

Prompt: A map has a scale bar divided into five equal segments, each 1 cm long, labeled 0 to 10 km. A straight trail is drawn 4 cm long on the map. What ground distance does the trail represent?

Answer: Each 1 cm segment represents 2 km because 10 km divided by 5 segments equals 2 km per segment. The trail is 4 cm, which is 4 segments, so 4 times 2 km equals 8 km. The trail represents 8 km on the ground.