

Worksheet

05/09/2020

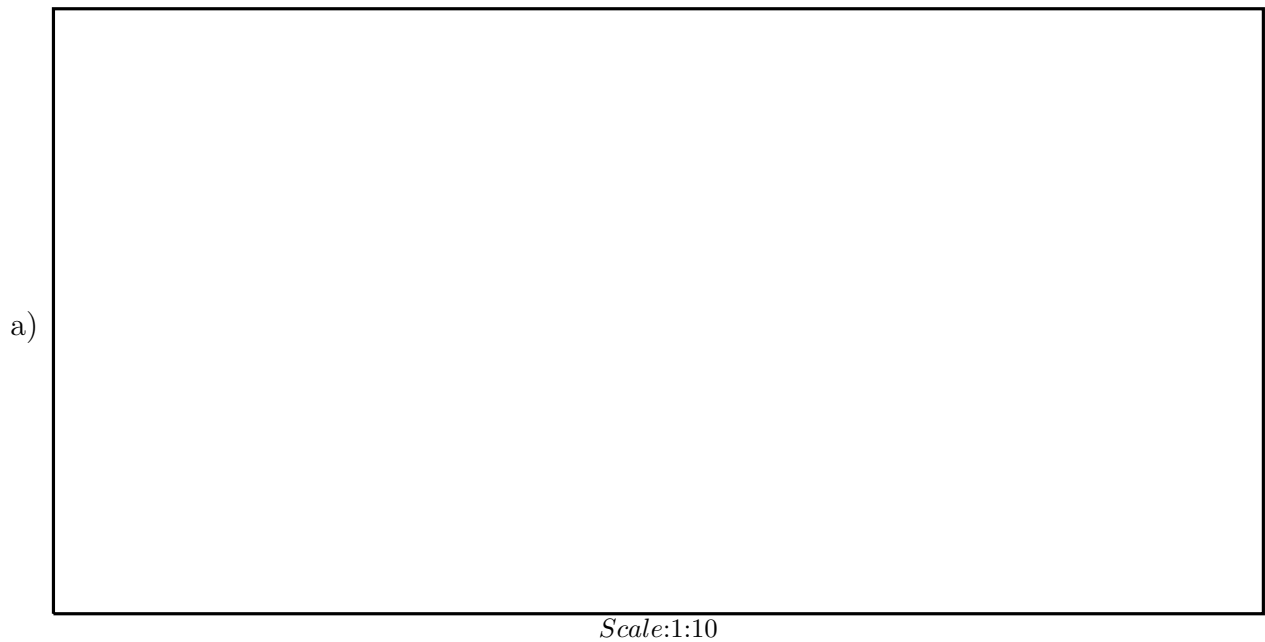
Free on dw-math.com

Problem quickname: 9001

1)

Quick:
9001

The rectangle shown has been reduced by the scale factor indicated. What is its area in this drawing? What is the length, width and area of the original unscaled rectangle?



Answer:

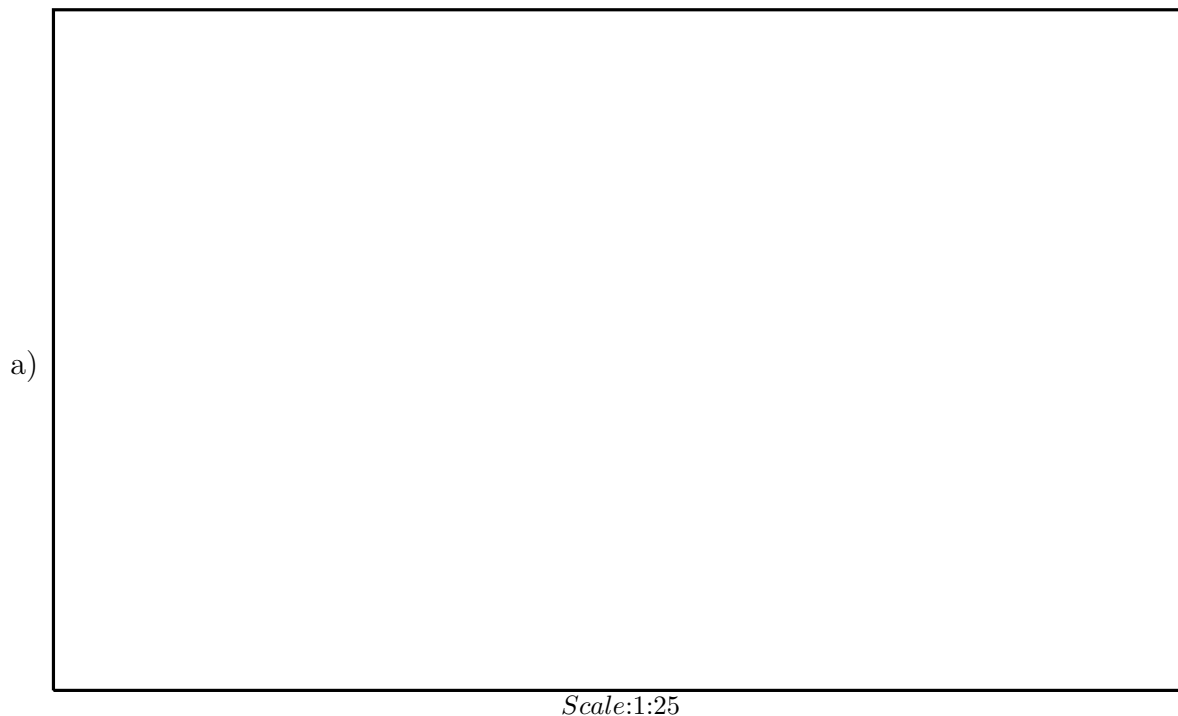
Drawing (length/width/area) : 1 dm 6 cm 3 mm/8 cm 4 mm/1 dm² 36 cm² 92 mm²Original (length/width/area): 1 m 6 dm 3 cm/8 dm 4 cm/1 m² 36 dm² 92 cm²

2)

Quick:
9001

The rectangle shown has been reduced by the scale factor indicated. What is the

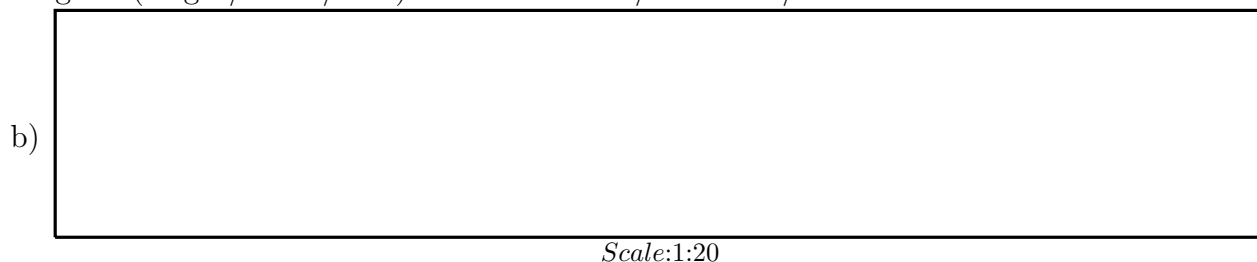
length and width of the original unscaled rectangle?



Answer:

Drawing (length/width/area) : 1 dm 5 cm/9 cm 2 mm/1 dm² 38 cm²

Original (length/width/area): 3 m 7 dm 5 cm/2 m 3 dm/8 m² 62 dm² 50 cm²



Answer:

Drawing (length/width/area) : 1 dm 6 cm 4 mm/3 cm/49 cm² 20 mm²

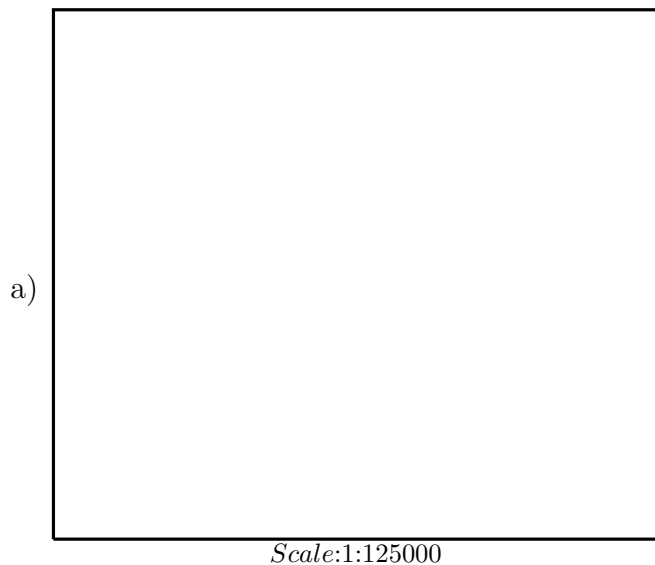
Original (length/width/area): 3 m 2 dm 8 cm/6 dm/1 m² 96 dm² 80 cm²

3)

The rectangle shown has been reduced by the scale factor indicated. What is its area in

Quick:
9001

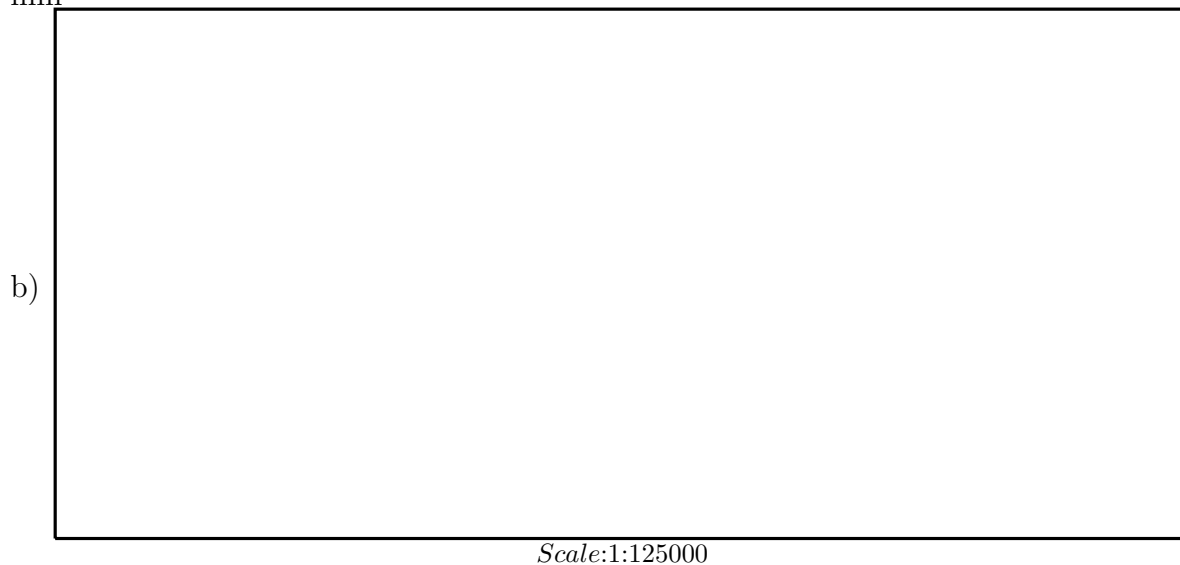
this drawing? What is the length, width and area of the original unscaled rectangle?



Answer:

Drawing (length/width/area) : 8 cm 9 mm/7 cm 7 mm/68 cm² 53 mm²

Original (length/width/area): 11 km 125 m/9 km 625 m/295 m² 34 dm² 34 cm² 24 mm²



Answer:

Drawing (length/width/area) : 1 dm 5 cm/7 cm 6 mm/1 dm² 14 cm²

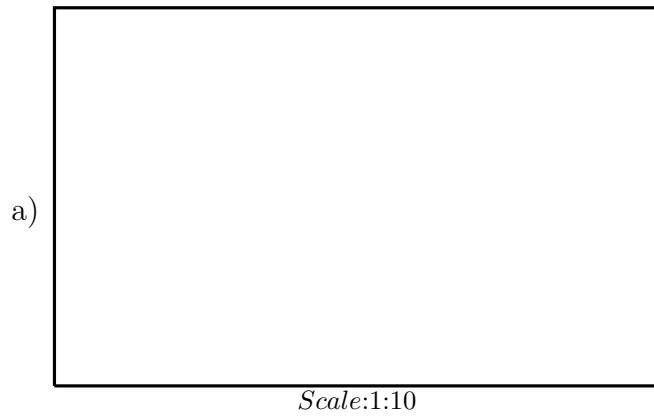
Original (length/width/area): 18 km 750 m/9 km 500 m/

4)

The rectangle shown has been reduced by the scale factor indicated. What is its area in

Quick:
9001

this drawing? What is the length, width and area of the original unscaled rectangle?



Answer:

Drawing (length/width/area) : 8 cm 3 mm/5 cm 3 mm/43 cm² 99 mm²

Original (length/width/area): 8 dm 3 cm/5 dm 3 cm/43 dm² 99 cm²

Good Luck!