

Worksheet

08/07/2020

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Problem quickname: 8002

1)

What scale factor was used for the image?

Quick:
8002

- a) In the image: 5 cm 1 mm. In reality: 3 m 8 dm 2 cm 5 mm. Answer: Scale 1:75.
- b) In the image: 7 mm. In reality: 3 dm 5 cm. Answer: Scale 1:50.
- c) In the image: 9 cm 6 mm. In reality: 9 dm 6 cm. Answer: Scale 1:10.
- d) In the image: 5 cm 1 mm. In reality: 5 m 1 dm. Answer: Scale 1:100.
- e) In the image: 7 mm. In reality: 7 cm. Answer: Scale 1:10.
- f) In the image: 4 cm 9 mm. In reality: 9 dm 8 cm. Answer: Scale 1:20.
- g) In the image: 7 cm 7 mm. In reality: 7 dm 7 cm. Answer: Scale 1:10.
- h) In the image: 7 cm 9 mm. In reality: 1 m 9 dm 7 cm 5 mm. Answer: Scale 1:25.
- i) In the image: 5 mm. In reality: 1 dm. Answer: Scale 1:20.
- j) In the image: 1 dm 9 mm. In reality: 5 dm 4 cm 5 mm. Answer: Scale 1:5.

2)

What scale factor was used for the image?

Quick:
8002

- a) In the image: 67 m. In reality: 3350 m. Answer: Scale 1:50.
- b) In the image: 85 dm. In reality: 850 m. Answer: Scale 1:10.
- c) In the image: 52 dm. In reality: 3900 mm. Answer: Scale 1:75.
- d) In the image: 94 cm. In reality: 7050 m. Answer: Scale 1:75.
- e) In the image: 24 cm. In reality: 240 mm. Answer: Scale 1:10.
- f) In the image: 67 cm. In reality: 3350 m. Answer: Scale 1:50.
- g) In the image: 35 dm. In reality: 2625 m. Answer: Scale 1:75.
- h) In the image: 68 mm. In reality: 3400 cm. Answer: Scale 1:50.
- i) In the image: 83 m. In reality: 4150 dm. Answer: Scale 1:50.
- j) In the image: 93 dm. In reality: 9300 cm. Answer: Scale 1:100.

3)

What scale factor was used for the image?

Quick:
8002

- a) In the image: 2 cm. In reality: 1.5 m. Answer: Scale 1:75.
- b) In the image: 1.5 cm. In reality: 1.5 dm. Answer: Scale 1:10.
- c) In the image: 1.11 dm. In reality: 11.1 m. Answer: Scale 1:100.
- d) In the image: 6.2 cm. In reality: 1.55 m. Answer: Scale 1:25.
- e) In the image: 1.47 dm. In reality: 2.94 m. Answer: Scale 1:20.
- f) In the image: 1.38 dm. In reality: 1.38 m. Answer: Scale 1:10.
- g) In the image: 2.2 cm. In reality: 5.5 dm. Answer: Scale 1:25.
- h) In the image: 1.02 dm. In reality: 7.65 m. Answer: Scale 1:75.

- i) In the image: 9.4 cm. In reality: 2.35 m. Answer: Scale 1:25.
- j) In the image: 4.3 cm. In reality: 8.6 dm. Answer: Scale 1:20.

4)

Quick:
8002

What scale factor was used for the image?

- a) In the image: 1 dm 3 cm 9 mm. In reality: 2 m 7 dm 8 cm. Answer: Scale 1:20.
- b) In the image: 9 cm 8 mm. In reality: 1 m 9 dm 6 cm. Answer: Scale 1:20.
- c) In the image: 1 cm 4 mm. In reality: 1 m 5 cm. Answer: Scale 1:75.
- d) In the image: 3 cm 6 mm. In reality: 2 m 7 dm. Answer: Scale 1:75.
- e) In the image: 1 dm 1 cm 7 mm. In reality: 1 m 1 dm 7 cm. Answer: Scale 1:10.
- f) In the image: 1 dm 3 cm 6 mm. In reality: 1 m 3 dm 6 cm. Answer: Scale 1:10.
- g) In the image: 8 cm 9 mm. In reality: 8 dm 9 cm. Answer: Scale 1:10.
- h) In the image: 6 cm 5 mm. In reality: 1 m 3 dm. Answer: Scale 1:20.
- i) In the image: 1 dm 1 cm 3 mm. In reality: 2 m 8 dm 2 cm 5 mm. Answer: Scale 1:25.
- j) In the image: 8 cm 4 mm. In reality: 8 m 4 dm. Answer: Scale 1:100.

Good Luck!