

Worksheet

08/07/2020

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Problem quickname: 8002

1)

What scale factor was used for the image?

- a) In the image: 1.2 cm. In reality: 3 dm.
- b) In the image: 5.2 cm. In reality: 1.3 m.
- c) In the image: 1.04 dm. In reality: 1.04 m.
- d) In the image: 1.33 dm. In reality: 13.3 m.
- e) In the image: 3.3 cm. In reality: 8.25 dm.
- f) In the image: 9 cm. In reality: 1.8 m.
- g) In the image: 1.5 cm. In reality: 3.75 dm.
- h) In the image: 9.4 cm. In reality: 9.4 dm.
- i) In the image: 1.19 dm. In reality: 8.925 m.
- j) In the image: 1.4 dm. In reality: 2.8 m.

2)

What scale factor was used for the image?

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

3)

What scale factor was used for the image?

- a) In the image: 9 dm. In reality: 225 dm.
- b) In the image: 105 m. In reality: 1050 cm.
- c) In the image: 47 m. In reality: 470 cm.
- d) In the image: 61 cm. In reality: 1525 m.
- e) In the image: 18 mm. In reality: 90 km.
- f) In the image: 101 m. In reality: 5050 m.
- g) In the image: 90 cm. In reality: 9000 dm.
- h) In the image: 73 m. In reality: 1460 m.

- i) In the image: 126 cm. In reality: 3150 dm.
- j) In the image: 44 mm. In reality: 1100 dm.

4)

What scale factor was used for the image?

- a) In the image: 1.21 dm. In reality: 9.075 m.
- b) In the image: 7.2 cm. In reality: 3.6 m.
- c) In the image: 8.8 cm. In reality: 8.8 dm.
- d) In the image: 7.6 cm. In reality: 3.8 dm.
- e) In the image: 7.8 cm. In reality: 1.56 m.
- f) In the image: 1 dm. In reality: 2.5 m.
- g) In the image: 8.1 cm. In reality: 2.025 m.
- h) In the image: 9.6 cm. In reality: 4.8 dm.
- i) In the image: 4 mm. In reality: 4 cm.
- j) In the image: 2.8 cm. In reality: 2.8 dm.

Good Luck!