

# Worksheet

08/07/2020

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Problem quickname: 8002

1)

What scale factor was used for the image?

- a) In the image: 115 km. In reality: 2875 cm.
- b) In the image: 28 m. In reality: 280 dm.
- c) In the image: 104 dm. In reality: 2600 m.
- d) In the image: 122 m. In reality: 12200 cm.
- e) In the image: 21 km. In reality: 1575 m.
- f) In the image: 81 cm. In reality: 6075 cm.
- g) In the image: 59 m. In reality: 295 km.
- h) In the image: 59 cm. In reality: 1180 dm.
- i) In the image: 33 dm. In reality: 165 m.
- j) In the image: 118 dm. In reality: 2360 m.

2)

What scale factor was used for the image?

- a) In the image: 5.1 cm. In reality: 2.55 dm.
- b) In the image: 6.3 cm. In reality: 3.15 dm.
- c) In the image: 1.02 dm. In reality: 2.04 m.
- d) In the image: 4.4 cm. In reality: 3.3 m.
- e) In the image: 1.17 dm. In reality: 5.85 m.
- f) In the image: 1.35 dm. In reality: 2.7 m.
- g) In the image: 1.12 dm. In reality: 5.6 dm.
- h) In the image: 1.32 dm. In reality: 2.64 m.
- i) In the image: 8.2 cm. In reality: 1.64 m.
- j) In the image: 1.6 cm. In reality: 1.6 m.

3)

What scale factor was used for the image?

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

- i) In the image: 8 mm. In reality: 6 dm.
- j) In the image: 1 dm 2 cm 5 mm. In reality: 1 m 2 dm 5 cm.

4)

What scale factor was used for the image?

- a) In the image: 85 dm. In reality: 850 dm.
- b) In the image: 37 mm. In reality: 2775 m.
- c) In the image: 16 km. In reality: 160 cm.
- d) In the image: 26 cm. In reality: 520 m.
- e) In the image: 44 km. In reality: 880 cm.
- f) In the image: 6 dm. In reality: 150 m.
- g) In the image: 124 dm. In reality: 9300 dm.
- h) In the image: 24 dm. In reality: 1200 cm.
- i) In the image: 17 dm. In reality: 1275 cm.
- j) In the image: 122 km. In reality: 9150 cm.

Good Luck!