

Worksheet

08/06/2020

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Problem quickname: 2050

1)

The indicated distances must be entered on a map on the scale indicated. How long is the distance on the map?

Quick:
2050

- a) Scale 1:250000, in reality: 18 km 250 m. Answer: 7 cm 3 mm.
- b) Scale 1:250000, in reality: 11 km. Answer: 4 cm 4 mm.
- c) Scale 1:50000, in reality: 10 km 50 m. Answer: 2 dm 1 mm.
- d) Scale 1:50000, in reality: 600 m. Answer: 1 cm 2 mm.
- e) Scale 1:125000, in reality: 20 km 125 m. Answer: 1 dm 6 cm 1 mm.
- f) Scale 1:250000, in reality: 38 km. Answer: 1 dm 5 cm 2 mm.
- g) Scale 1:250000, in reality: 42 km 500 m. Answer: 1 dm 7 cm.
- h) Scale 1:10000, in reality: 610 m. Answer: 6 cm 1 mm.
- i) Scale 1:100000, in reality: 30 km 700 m. Answer: 3 dm 7 mm.
- j) Scale 1:10000, in reality: 3 km 450 m. Answer: 3 dm 4 cm 5 mm.

2)

The following lengths were measured on a model car in the given scale. How long are they in reality?

Quick:
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- a) Scale 1:20, reading: 2.7 cm. Answer: 5.4 dm.
- b) Scale 1:20, reading: 1.42 dm. Answer: 2.84 m.
- c) Scale 1:20, reading: 7.2 cm. Answer: 1.44 m.
- d) Scale 1:25, reading: 8.2 cm. Answer: 2.05 m.
- e) Scale 1:20, reading: 1.17 dm. Answer: 2.34 m.
- f) Scale 1:10, reading: 7.7 cm. Answer: 7.7 dm.
- g) Scale 1:75, reading: 2.9 cm. Answer: 2.175 m.
- h) Scale 1:20, reading: 1.21 dm. Answer: 2.42 m.
- i) Scale 1:75, reading: 9.3 cm. Answer: 6.975 m.
- j) Scale 1:25, reading: 1.22 dm. Answer: 3.05 m.

3)

The following lengths were measured on a model car in the given scale. How long are they in reality?

Quick:
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- a) Scale 1:25, reading: 4.2 cm. Answer: 1.05 m.
- b) Scale 1:50, reading: 1.2 dm. Answer: 6 m.
- c) Scale 1:25, reading: 1.7 cm. Answer: 4.25 dm.
- d) Scale 1:100, reading: 1.7 cm. Answer: 1.7 m.
- e) Scale 1:75, reading: 8.6 cm. Answer: 6.45 m.

- f) Scale 1:5, reading: 4.4 cm. Answer: 2.2 dm.
- g) Scale 1:25, reading: 1.34 dm. Answer: 3.35 m.
- h) Scale 1:25, reading: 1.41 dm. Answer: 3.525 m.
- i) Scale 1:20, reading: 2.1 cm. Answer: 4.2 dm.
- j) Scale 1:75, reading: 1.08 dm. Answer: 8.1 m.

4)

Quick:
2050

The indicated distances must be entered on a map on the scale indicated. How long is the distance on the map?

- a) Scale 1:250000, in reality: 18 km 250 m. Answer: 7 cm 3 mm.
- b) Scale 1:100000, in reality: 19 km 800 m. Answer: 1 dm 9 cm 8 mm.
- c) Scale 1:100000, in reality: 39 km 100 m. Answer: 3 dm 9 cm 1 mm.
- d) Scale 1:500000, in reality: 84 km. Answer: 1 dm 6 cm 8 mm.
- e) Scale 1:100000, in reality: 14 km 700 m. Answer: 1 dm 4 cm 7 mm.
- f) Scale 1:250000, in reality: 40 km 750 m. Answer: 1 dm 6 cm 3 mm.
- g) Scale 1:10000, in reality: 3 km 460 m. Answer: 3 dm 4 cm 6 mm.
- h) Scale 1:50000, in reality: 2 km. Answer: 4 cm.
- i) Scale 1:125000, in reality: 5 km 625 m. Answer: 4 cm 5 mm.
- j) Scale 1:125000, in reality: 19 km 250 m. Answer: 1 dm 5 cm 4 mm.

Good Luck!