

Worksheet

08/06/2020

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Problem quickname: 2050

1)

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

Quick:
2050

- a) Scale 1:75, reading: 6.2 cm. Answer: 4.65 m.
- b) Scale 1:10, reading: 1.7 cm. Answer: 1.7 dm.
- c) Scale 1:10, reading: 1.6 cm. Answer: 1.6 dm.
- d) Scale 1:75, reading: 8.2 cm. Answer: 6.15 m.
- e) Scale 1:25, reading: 6 cm. Answer: 1.5 m.
- f) Scale 1:50, reading: 5.2 cm. Answer: 2.6 m.
- g) Scale 1:100, reading: 3.1 cm. Answer: 3.1 m.
- h) Scale 1:25, reading: 1.05 dm. Answer: 2.625 m.
- i) Scale 1:50, reading: 1.32 dm. Answer: 6.6 m.
- j) Scale 1:10, reading: 3.2 cm. Answer: 3.2 dm.

2)

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

Quick:
2050

- a) Scale 1:20, reading: 7.8 cm. Answer: 1.56 m.
- b) Scale 1:50, reading: 8.3 cm. Answer: 4.15 m.
- c) Scale 1:75, reading: 1.37 dm. Answer: 10.275 m.
- d) Scale 1:5, reading: 5 mm. Answer: 2.5 cm.
- e) Scale 1:5, reading: 7.7 cm. Answer: 3.85 dm.
- f) Scale 1:75, reading: 3.1 cm. Answer: 2.325 m.
- g) Scale 1:20, reading: 1.2 dm. Answer: 2.4 m.
- h) Scale 1:25, reading: 4.1 cm. Answer: 1.025 m.
- i) Scale 1:50, reading: 6.1 cm. Answer: 3.05 m.
- j) Scale 1:100, reading: 7 cm. Answer: 7 m.

3)

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 1:10000, in reality: 1 km 630 m. Answer: 1 dm 6 cm 3 mm.
- b) Scale 1:100000, in reality: 16 km 200 m. Answer: 1 dm 6 cm 2 mm.
- c) Scale 1:100000, in reality: 3 km. Answer: 3 cm.
- d) Scale 1:250000, in reality: 9 km. Answer: 3 cm 6 mm.
- e) Scale 1:250000, in reality: 72 km 500 m. Answer: 2 dm 9 cm.

- f) Scale 1:250000, in reality: 74 km 750 m. Answer: 2 dm 9 cm 9 mm.
- g) Scale 1:100000, in reality: 2 km 600 m. Answer: 2 cm 6 mm.
- h) Scale 1:250000, in reality: 80 km 250 m. Answer: 3 dm 2 cm 1 mm.
- i) Scale 1:50000, in reality: 18 km 400 m. Answer: 3 dm 6 cm 8 mm.
- j) Scale 1:10000, in reality: 2 km 380 m. Answer: 2 dm 3 cm 8 mm.

4)

Quick:
2050

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

- a) Scale 1:10, reading: 1.2 cm. Answer: 1.2 dm.
- b) Scale 1:5, reading: 1.06 dm. Answer: 5.3 dm.
- c) Scale 1:20, reading: 6.3 cm. Answer: 1.26 m.
- d) Scale 1:20, reading: 3.7 cm. Answer: 7.4 dm.
- e) Scale 1:5, reading: 8.7 cm. Answer: 4.35 dm.
- f) Scale 1:50, reading: 8.8 cm. Answer: 4.4 m.
- g) Scale 1:75, reading: 1.13 dm. Answer: 8.475 m.
- h) Scale 1:100, reading: 1.02 dm. Answer: 10.2 m.
- i) Scale 1:50, reading: 6 cm. Answer: 3 m.
- j) Scale 1:5, reading: 4 cm. Answer: 2 dm.

Good Luck!