

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?

- a) Scale 1:100, reading: 2.8 cm.
- b) Scale 1:10, reading: 1.9 cm.
- c) Scale 1:20, reading: 9.3 cm.
- d) Scale 1:25, reading: 7.5 cm.
- e) Scale 1:5, reading: 1.49 dm.
- f) Scale 1:10, reading: 5.1 cm.
- g) Scale 1:25, reading: 4.1 cm.
- h) Scale 1:75, reading: 1 dm.
- i) Scale 1:20, reading: 1.47 dm.
- j) Scale 1:50, reading: 1.41 dm.

2)

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

- a) Scale 1:50000, in reality: 3 km 200 m.
- b) Scale 1:500000, in reality: 42 km.
- c) Scale 1:100000, in reality: 16 km 800 m.
- d) Scale 1:250000, in reality: 60 km 250 m.
- e) Scale 1:100000, in reality: 36 km 700 m.
- f) Scale 1:50000, in reality: 17 km 400 m.
- g) Scale 1:250000, in reality: 95 km.
- h) Scale 1:100000, in reality: 31 km 300 m.
- i) Scale 1:10000, in reality: 550 m.
- j) Scale 1:500000, in reality: 155 km 500 m.

3)

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

- a) Scale 1:50, reading: 5.5 cm.
- b) Scale 1:5, reading: 4.1 cm.
- c) Scale 1:50, reading: 1.3 dm.
- d) Scale 1:25, reading: 1.12 dm.
- e) Scale 1:5, reading: 9 mm.
- f) Scale 1:25, reading: 1.16 dm.
- g) Scale 1:25, reading: 1 cm.
- h) Scale 1:100, reading: 1.4 dm.
- i) Scale 1:25, reading: 3.1 cm.
- j) Scale 1:75, reading: 1.02 dm.

4)

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

- a) Scale 1:20, reading: 4 mm.
- b) Scale 1:5, reading: 8 mm.
- c) Scale 1:50, reading: 1.23 dm.
- d) Scale 1:75, reading: 4.5 cm.
- e) Scale 1:50, reading: 3.1 cm.
- f) Scale 1:75, reading: 7.3 cm.

g) Scale 1:50, reading: 4.3 cm.
i) Scale 1:100, reading: 2 cm.

h) Scale 1:75, reading: 1.9 cm.
j) Scale 1:5, reading: 3 cm.

Good Luck!