

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 1:75, reading: 6.2 cm.
- b) Scale 1:10, reading: 1.7 cm.
- c) Scale 1:10, reading: 1.6 cm.
- d) Scale 1:75, reading: 8.2 cm.
- e) Scale 1:25, reading: 6 cm.
- f) Scale 1:50, reading: 5.2 cm.
- g) Scale 1:100, reading: 3.1 cm.
- h) Scale 1:25, reading: 1.05 dm.
- i) Scale 1:50, reading: 1.32 dm.
- j) Scale 1:10, reading: 3.2 cm.

2)

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

- a) Scale 1:20, reading: 7.8 cm.
- b) Scale 1:50, reading: 8.3 cm.
- c) Scale 1:75, reading: 1.37 dm.
- d) Scale 1:5, reading: 5 mm.
- e) Scale 1:5, reading: 7.7 cm.
- f) Scale 1:75, reading: 3.1 cm.
- g) Scale 1:20, reading: 1.2 dm.
- h) Scale 1:25, reading: 4.1 cm.
- i) Scale 1:50, reading: 6.1 cm.
- j) Scale 1:100, reading: 7 cm.

3)

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

- a) Scale 1:10000, in reality: 1 km 630 m.
- b) Scale 1:100000, in reality: 16 km 200 m.
- c) Scale 1:100000, in reality: 3 km.
- d) Scale 1:250000, in reality: 9 km.
- e) Scale 1:250000, in reality: 72 km 500 m.
- f) Scale 1:250000, in reality: 74 km 750 m.
- g) Scale 1:100000, in reality: 2 km 600 m.
- h) Scale 1:250000, in reality: 80 km 250 m.
- i) Scale 1:50000, in reality: 18 km 400 m.
- j) Scale 1:10000, in reality: 2 km 380 m.

4)

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.
- b) Scale 1:5, reading: 1.06 dm.
- c) Scale 1:20, reading: 6.3 cm.
- d) Scale 1:20, reading: 3.7 cm.

- e) Scale 1:5, reading: 8.7 cm. f) Scale 1:50, reading: 8.8 cm.
g) Scale 1:75, reading: 1.13 dm. h) Scale 1:100, reading: 1.02 dm.
i) Scale 1:50, reading: 6 cm. j) Scale 1:5, reading: 4 cm.

Good Luck!