

# 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?

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

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: 2.7 cm.
- b) Scale 1:20, reading: 1.42 dm.
- c) Scale 1:20, reading: 7.2 cm.
- d) Scale 1:25, reading: 8.2 cm.
- e) Scale 1:20, reading: 1.17 dm.
- f) Scale 1:10, reading: 7.7 cm.
- g) Scale 1:75, reading: 2.9 cm.
- h) Scale 1:20, reading: 1.21 dm.
- i) Scale 1:75, reading: 9.3 cm.
- j) Scale 1:25, reading: 1.22 dm.

3)

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

- a) Scale 1:25, reading: 4.2 cm.
- b) Scale 1:50, reading: 1.2 dm.
- c) Scale 1:25, reading: 1.7 cm.
- d) Scale 1:100, reading: 1.7 cm.
- e) Scale 1:75, reading: 8.6 cm.
- f) Scale 1:5, reading: 4.4 cm.
- g) Scale 1:25, reading: 1.34 dm.
- h) Scale 1:25, reading: 1.41 dm.
- i) Scale 1:20, reading: 2.1 cm.
- j) Scale 1:75, reading: 1.08 dm.

4)

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.
- b) Scale 1:100000, in reality: 19 km 800 m.
- c) Scale 1:100000, in reality: 39 km 100 m.
- d) Scale 1:500000, in reality: 84 km.
- e) Scale 1:100000, in reality: 14 km 700 m.

f) Scale 1:250000, in reality: 40 km 750 m.

g) Scale 1:10000, in reality: 3 km 460 m.

i) Scale 1:125000, in reality: 5 km 625 m.

j) Scale 1:125000, in reality: 19 km 250 m.

h) Scale 1:50000, in reality: 2 km.

Good Luck!