

# 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 1:100, reading: 2.8 cm. Answer: 2.8 m.
- b) Scale 1:10, reading: 1.9 cm. Answer: 1.9 dm.
- c) Scale 1:20, reading: 9.3 cm. Answer: 1.86 m.
- d) Scale 1:25, reading: 7.5 cm. Answer: 1.875 m.
- e) Scale 1:5, reading: 1.49 dm. Answer: 7.45 dm.
- f) Scale 1:10, reading: 5.1 cm. Answer: 5.1 dm.
- g) Scale 1:25, reading: 4.1 cm. Answer: 1.025 m.
- h) Scale 1:75, reading: 1 dm. Answer: 7.5 m.
- i) Scale 1:20, reading: 1.47 dm. Answer: 2.94 m.
- j) Scale 1:50, reading: 1.41 dm. Answer: 7.05 m.

2)

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 1:50000, in reality: 3 km 200 m. Answer: 6 cm 4 mm.
- b) Scale 1:500000, in reality: 42 km. Answer: 8 cm 4 mm.
- c) Scale 1:100000, in reality: 16 km 800 m. Answer: 1 dm 6 cm 8 mm.
- d) Scale 1:250000, in reality: 60 km 250 m. Answer: 2 dm 4 cm 1 mm.
- e) Scale 1:100000, in reality: 36 km 700 m. Answer: 3 dm 6 cm 7 mm.
- f) Scale 1:50000, in reality: 17 km 400 m. Answer: 3 dm 4 cm 8 mm.
- g) Scale 1:250000, in reality: 95 km. Answer: 3 dm 8 cm.
- h) Scale 1:100000, in reality: 31 km 300 m. Answer: 3 dm 1 cm 3 mm.
- i) Scale 1:10000, in reality: 550 m. Answer: 5 cm 5 mm.
- j) Scale 1:500000, in reality: 155 km 500 m. Answer: 3 dm 1 cm 1 mm.

3)

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

Quick:  
2050

- a) Scale 1:50, reading: 5.5 cm. Answer: 2.75 m.
- b) Scale 1:5, reading: 4.1 cm. Answer: 2.05 dm.
- c) Scale 1:50, reading: 1.3 dm. Answer: 6.5 m.
- d) Scale 1:25, reading: 1.12 dm. Answer: 2.8 m.
- e) Scale 1:5, reading: 9 mm. Answer: 4.5 cm.

- f) Scale 1:25, reading: 1.16 dm. Answer: 2.9 m.
- g) Scale 1:25, reading: 1 cm. Answer: 2.5 dm.
- h) Scale 1:100, reading: 1.4 dm. Answer: 14 m.
- i) Scale 1:25, reading: 3.1 cm. Answer: 7.75 dm.
- j) Scale 1:75, reading: 1.02 dm. Answer: 7.65 m.

4)

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: 4 mm. Answer: 8 cm.
- b) Scale 1:5, reading: 8 mm. Answer: 4 cm.
- c) Scale 1:50, reading: 1.23 dm. Answer: 6.15 m.
- d) Scale 1:75, reading: 4.5 cm. Answer: 3.375 m.
- e) Scale 1:50, reading: 3.1 cm. Answer: 1.55 m.
- f) Scale 1:75, reading: 7.3 cm. Answer: 5.475 m.
- g) Scale 1:50, reading: 4.3 cm. Answer: 2.15 m.
- h) Scale 1:75, reading: 1.9 cm. Answer: 1.425 m.
- i) Scale 1:100, reading: 2 cm. Answer: 2 m.
- j) Scale 1:5, reading: 3 cm. Answer: 1.5 dm.

Good Luck!