

53. How to make a scale diagram from actual measurements



Practice Questions:

1. If a measurement is originally 400 meters, what would be its length on a scale drawing with a scale of 1:200?
2. Reduce a measurement of 750 meters using a scale of 1:200. What is the reduced length?
3. If an object is originally 800 meters long, how long would it be on a scale drawing with a scale of 1:200?
4. Reduce a measurement of 250 meters using a scale of 1:200. What is the reduced length?
5. If a distance measures 1200 meters, what would be its length on a scale drawing with a scale of 1:200?

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Practice Questions:

6. Reduce a measurement of 550 meters using a scale of 1:200. What is the reduced length?

7. If an object is originally 1500 meters wide, how wide would it be on a scale drawing with a scale of 1:200?

8. Reduce a measurement of 300 meters using a scale of 1:200. What is the reduced length?

9. If a road is initially 900 meters long, how long would it be on a scale drawing with a scale of 1:200?

10. Reduce a measurement of 1800 meters using a scale of 1:200. What is the reduced length?

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Practice Questions: **Answers**

1. If a measurement is originally 400 meters, what would be its length on a scale drawing with a scale of 1:200?

1. 2 meters.

2. Reduce a measurement of 750 meters using a scale of 1:200. What is the reduced length?

2. 3.75 meters.

3. If an object is originally 800 meters long, how long would it be on a scale drawing with a scale of 1:200?

3. 4 meters.

4. Reduce a measurement of 250 meters using a scale of 1:200. What is the reduced length?

4. 1.25 meters.

5. If a distance measures 1200 meters, what would be its length on a scale drawing with a scale of 1:200?

5. 6 meters.

6. Reduce a measurement of 550 meters using a scale of 1:200. What is the reduced length?

6. 2.75 meters.

7. If an object is originally 1500 meters wide, how wide would it be on a scale drawing with a scale of 1:200?

7. 7.5 meters.

8. Reduce a measurement of 300 meters using a scale of 1:200. What is the reduced length?

8. 1.5 meters

9. If a road is initially 900 meters long, how long would it be on a scale drawing with a scale of 1:200?

9. 4.5 meters.

10. Reduce a measurement of 1800 meters using a scale of 1:200. What is the reduced length?

10. 9 meters.