

Name : _____

Scale Factors

L2S2

- 1) Mary and Kate picked up a map of the zoo at the main entrance. The actual distance between the entry point and the Avian Center was 2.3 miles. The distance on the map was 9.2 inches. Determine the scale factor that was used to design the map.

- 2) Fiona used a scale factor of 1 foot = 0.8 inch to make a scale drawing of a park in the neighborhood. She drew a slide that was 6 inches long. Find the actual length of the slide.

- 3) A theme park in Washington Monument stands 564 feet tall. The scale used was 1 inch = 64.5 feet, determine the height of the model. The Washington Monument was scaled with a scale factor of

- 4) Amanda and her friend went to a nearby waterfalls. The actual distance was 178 feet. The distance was scaled down to 17.8 inches. Find the scale factor used.

- 5) Isabel built a miniature house with dominoes based on the actual dimensions of her house. She used a scale factor of 1 inch = 1.55 feet and her miniature house measured 16.8 inches in height. Find the original height of the house.

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