Name : _____

Scale Factors

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 Was_____ments. The Washington Monument stands 5_____ated with a scale factor of 1 inch = 64.5 feet, de_____

_____

4) Amanda and her frie_____ke to a nearby waterfalls. The actual distance_____es. The distance was scaled down to 178_____

_____

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.

_____