

Enrich

“Liberty Enlightening the World”

On July 4, 1889, in gratitude to the French for the gift of the Statue of Liberty, Americans from Paris gave to the French a miniature Statue of Liberty. The statue is made of bronze and is approximately one fourth the size of the original. This smaller-scale copy is found near the Grenelle Bridge on the Île des Cygnes, an island in the Seine River about one mile south of the Eiffel Tower.



1. If the original Statue of Liberty is approximately 150 feet tall, about how tall is the replica?

2. Complete the table. The first one is done for you.

	Original Statue of Liberty	Replica
Length of hand	16 ft	4 ft
Length of nose	4.5 ft	
Length of right arm	42 ft	
Head thickness from ear to ear		2.5 ft
Width of mouth		9 in.
Thickness of waist	35 ft	
Distance from heel to the top of her head	111 ft	
Length of index finger	8 ft	
Circumference of the second joint	3.5 ft	

3. The fingernail on the index finger of the original weighs 1.5 kilograms. How much does the fingernail on the replica in France weigh?
4. The dimensions of the tablet that Lady Liberty is holding are 23.6 feet by 13.6 feet by 2 feet. What are the dimensions of the smaller-scale tablet in France?
5. **CHALLENGE** The fingernail on the index finger is 13 inches long and 10 inches wide. What will be the area of the fingernail on the replica in France?