1) Daphne, an architect, creates a blueprint for a strip mall with a scale factor of 1 foot = 0.8 inch. If the actual width of a parking bay is 8 feet, find its width in the blueprint.


2) Camilla designed a festive birthday banner measuring 2 inches on her laptop. She sends a copy of it to a digital printing company which used a scale factor of 1 inch = 4 feet to enlarge the image. Determine the length of the printed banner.


3) Rick used a scale factor of 1 foot = 0.625 inch to draw a picture of his father's truck. The actual length of the truck was 18.4 feet. Find the length of the truck in the picture.


4) Beth planned to travel from Battery Park to Times Square. The distance between the two places is 2.48 inches on the map of New York City. If the scale factor used for the map was 1 mile = 0.4 inch, find the actual distance between the two tourist attractions.


5) Scale factor: 1 inch = 40 feet

   Model
   Actual length of an aircraft = 
   Model
   Actual height of the Eiffel Tower = 

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1) Daphne, an architect, creates a blueprint for a strip mall with a scale factor of 1 foot = 0.8 inch. If the actual width of a parking bay is 8 feet, find its width in the blueprint.

6.4 inches

2) Camilla designed a festive birthday banner measuring 2 inches on her laptop. She sends a copy of it to a digital printing company which used a scale factor of 1 inch = 4 feet to enlarge the image. Determine the length of the printed banner.

8 feet

3) Rick used a scale factor of 1 foot = 0.625 inch to draw a picture of his father’s truck. The actual length of the truck was 18.4 feet. Find the length of the truck in the picture.

11.5 inches

4) Beth planned to travel from Battery Park to Times Square. The distance between the two places is 2.48 inches on the map of New York City. If the scale factor used for the map was 1 mile = 0.4 inch, find the actual distance between the tourist attractions.

6.2 miles

5) Scale factor: 1 inch = 40 feet

Model

Actual length of an aircraft = 236 feet

Model

Actual height of the Eiffel Tower = 1,063 feet