Name : _____

Scale Factors

L1S3

1) Daphne, an architect, creates a blue print 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 blue print.

_____

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 fa ther's truck. The actual length of the truck ture.

_____

4) Beth planned to tr between the two places is 2.48 inches on th he map was 1 mile = 0.4 inch, fi ctions.

_____

5) Scale factor : 1 incl h = 132.875 feet

PREVIEW

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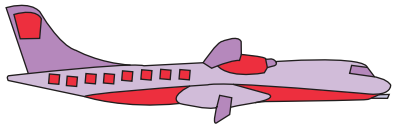
Model



5.9 inches

Actual length of an aircraft = _____

Model

8 inches

Actual height of the Eiffel Tower = _____

Name : _____

Answer key

Scale Factors

L1S3

1) Daphne, an architect, creates a blue print 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 blue print.

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

PREVIEW

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3) Rick used a scale fa ther's truck. The actual length of the truck ture.

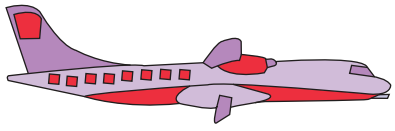
11.5 inch

4) Beth planned to tr between the two places is 2.48 inches on th he map was 1 mile = 0.4 inch, fi ctions.

6.2 mil

5) Scale factor : 1 inch h = 132.875 feet

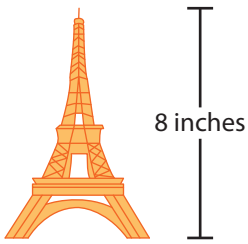
Model



5.9 inches

Actual length of an aircraft = **236 feet**

Model



8 inches

Actual height of the Eiffel Tower = **1,063 feet**