

Name : _____

Scale Factors

L1S4

- 1) Helen and her sister, Mandy live in two different cities that are 30 mm apart on the map. If the map is drawn with a scale factor of $1 \text{ km} = 0.1 \text{ mm}$, find the actual distance between the two cities.

- 2) Ken and Zoe ordered for a customized photo wedding backdrop to be installed at the reception venue. The actual length of the photo was 12.5 cm. Determine the length of the photo backdrop, if the digital printing company used a scale factor of $1 \text{ cm} = 0.16 \text{ m}$ to enlarge the image.

- 3) Harry uses a shoe l
home is 4800 mm.
doll's house?

l height of their family
ne height of the

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- 4) Based on the actual
a scale model of th
actual height of th

of $1 \text{ m} = 0.9 \text{ cm}$ to make
high, determine the

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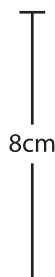
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- 5) Scale factor : 1 cm

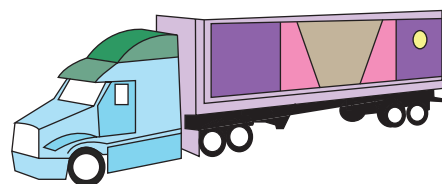
= 0.48 m

Model



Actual height of the Zebra = _____

Model



Actual length of the truck = _____