

## Lesson 7: Scale Drawings

### Cool Down: Length of a Bus and Width of a Lake

1. A scale drawing of a school bus has a scale of  $\frac{1}{2}$  inch to 5 feet. If the length of the school bus is  $4\frac{1}{2}$  inches on the scale drawing, what is the actual length of the bus? Explain or show your reasoning.
  
2. A scale drawing of a lake has a scale of 1 cm to 80 m. If the actual width of the lake is 1,000 m, what is the width of the lake on the scale drawing? Explain or show your reasoning.