

SIMILARITY

► *How can you use proportions to turn a drawing into a mural?*



CHAPTER

8

APPLICATION: Scale Drawing

Murals are often created by enlarging an original drawing. Different methods are used to make sure that all parts of the enlargement are in proportion to the original drawing.

One common method used in mural making is to enlarge each piece of art by the same percentage. If a drawing is enlarged to 300% of its original size, then the length and width of the enlargement will each be three times the size of the original.

Think & Discuss

1. Describe some other common methods used to enlarge a drawing.
2. Estimate how much larger Figure 2 is than Figure 1. Can you discover a way to check your estimate?



Figure 1



Figure 2

Learn More About It

You will learn another way to enlarge a drawing in Example 4 on p. 490.



APPLICATION LINK Visit www.mcdougallittell.com for more information about scale drawings.

