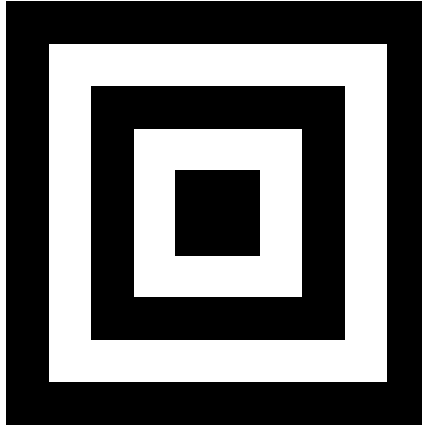# Make Them Bigger

Cynthia made a pattern for an art project that looked like the
one below. The small black square was $1\frac{3}{4}$ inches on all sides.
The middle black square was $5\frac{1}{4}$ inches on all sides, and the large
black square was $8\frac{3}{4}$ inches on all sides.

Use the pattern to answer the questions.

1. Cynthia's teacher suggested that she make the pattern $2\frac{1}{2}$ times larger
   than it is. What will be the new lengths of the sides of the squares?

2. Cynthia thought the pattern might look even better if her pattern were $1\frac{1}{2}$
   times larger than her teacher suggested. What will be the side lengths of
   the new squares?

3. Make a pattern of your own that has a mixed number for a side length. Then
   pick a mixed number by which to multiply the side length. Draw the new pattern.

Use with text pages 316–319.