

NAME \_\_\_\_\_

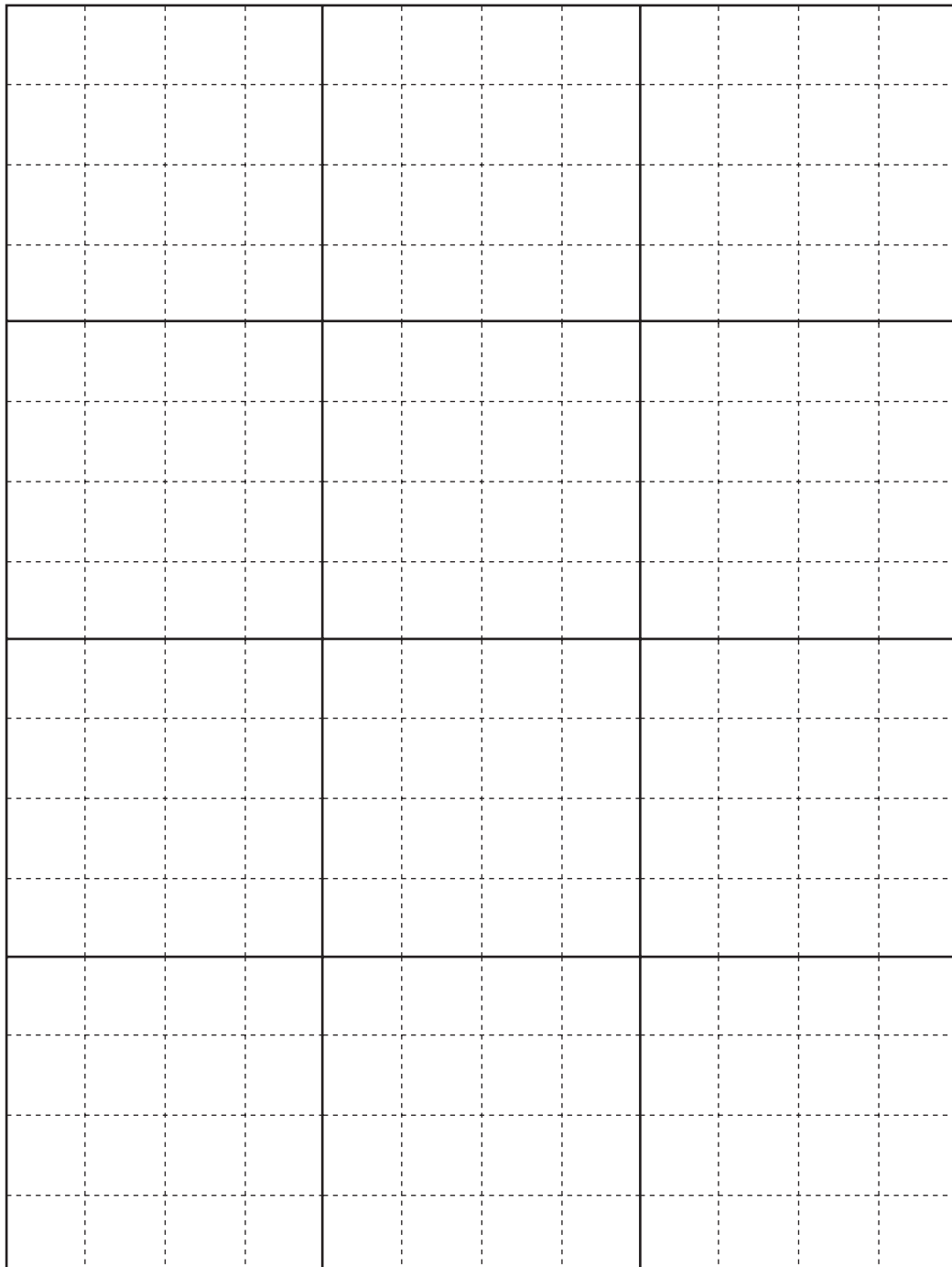
DATE \_\_\_\_\_

# Home Connection 38 ★ Worksheet

## The Mini-Quilt Project

**1** Choose one of the quilt blocks you designed on page 123 or 124 in your Bridges Student Book. Use your colored pencils to copy the block 12 times on the grid below.

**2** Give your Mini-Quilt a title: \_\_\_\_\_



**Home Connection 38** Worksheet (cont.)

**3** Write at least 3 different mathematical observations about your Mini-Quilt.

**4** Each of the small squares measures 1 centimeter by 1 centimeter. What is the area of the entire mini-quilt in square centimeters? Do this problem without a calculator and show your work below.

**5** If the entire quilt is assigned an area of 1, what fraction of the quilt is covered by each of the colors you used? Show your thinking.

(Continued on next page.)

NAME \_\_\_\_\_

DATE \_\_\_\_\_

**Home Connection 38** Worksheet (cont.)**CHALLENGE**

**6** Give your quilt block a title that relates to American history. Then write a short explanation or story about what your quilt block title means. To help come up with ideas, think about what you have studied in American history class, and remember the book *Eight Hands Round, A Patchwork Alphabet*. It might help to talk about your ideas with someone at home first and then do the writing.

**a** Title \_\_\_\_\_

**b** Write your story below and on the back of this page. (You can type it if you prefer.)

