NAME | DATE
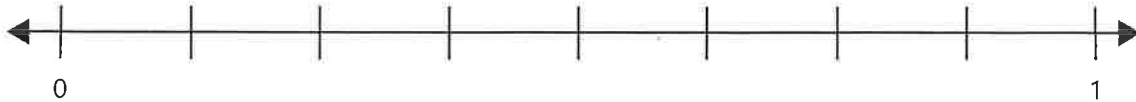
☑ Unit 7 Post-Assessment

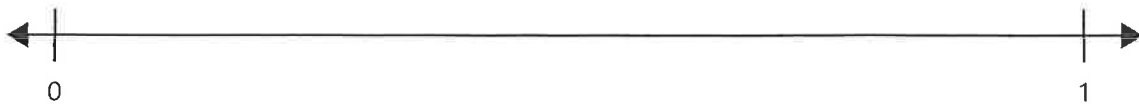**1** Label each of the marks on this number line.

0   1

2 Use your ruler to help divide this strip into 6 equal parts. Color in the first part, and label it to show what fraction of the strip you colored in.

**3** Find and label the point on the number line where $\frac{7}{8}$ belongs.

0   1

4 Fill in each blank with <, >, or =.

a $\frac{5}{6}$ _____ $\frac{3}{6}$ b $\frac{2}{4}$ _____ $\frac{2}{8}$ c $\frac{2}{3}$ _____ $\frac{2}{8}$ d $\frac{6}{8}$ _____ $\frac{8}{8}$

5

Circle true or false for each statement:

a $\frac{3}{6} = \frac{4}{8}$ True   False

b $\frac{6}{6} = 1$ True   False

c $\frac{2}{3} = \frac{3}{4}$ True   False

6

Maria and Josie each got the same size licorice rope. Maria ate $\frac{2}{3}$ of hers and Josie ate $\frac{4}{6}$ of hers.

a Shade in and label each rectangle to show how much of the licorice rope each girl ate.

Maria [   ]

Josie [   ]

b Which of these statements about the girls and their licorice ropes is true?

○ Josie ate more than Maria.

○ Maria ate more than Josie.

○ Maria and Josie both ate the same amount.

7 Jeff and his mom are putting flowers in vases to give to their friends. They put 7 flowers in each of the 4 small vases, and 12 flowers in the big vase. How many flowers in all?

a Use numbers, labeled sketches, or words to solve this problem. Show all of your work.

Jeff and his mom used _____ flowers in all.

b Circle which one of these equations best represents the problem. (The letter *f* stands for flowers.)

$(7 + 4) \times 12 = f$ $(7 + 4) - 12 = f$

$(7 \times 4) + 12 = f$ $7 \times 4 \times 12 = f$

8 The pet store had 323 tropical fish. This morning, 7 people came in. They each bought 6 tropical fish. How many tropical fish does the pet store have now? Show your work below.

The pet store has _____ tropical fish.

9

$$
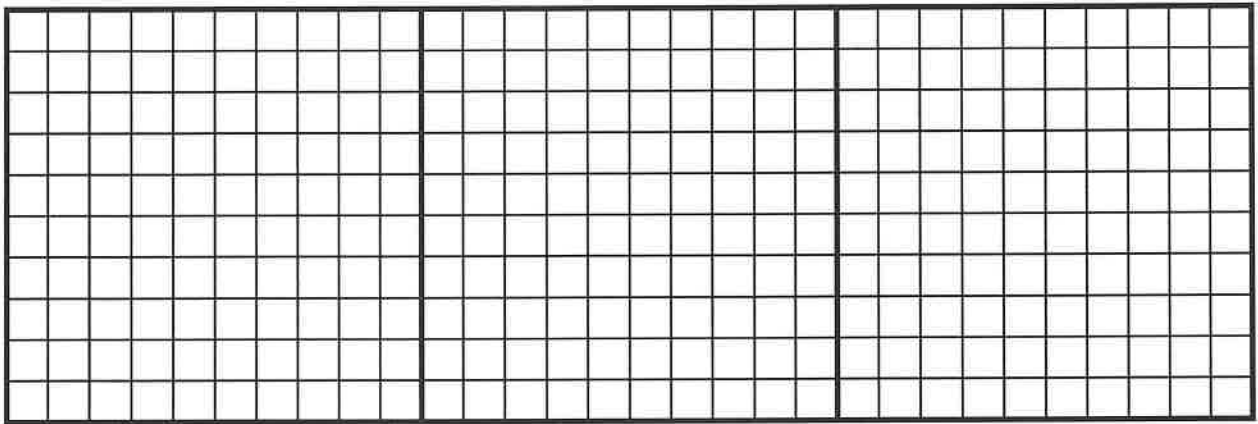\begin{array}{r} 80 \\ \times\ 3 \\ \hline \end{array}
\qquad
\begin{array}{r} 50 \\ \times\ 5 \\ \hline \end{array}
\qquad
\begin{array}{r} 60 \\ \times\ 8 \\ \hline \end{array}
\qquad
\begin{array}{r} 70 \\ \times\ 4 \\ \hline \end{array}
$$

10

Use the base ten grid below to sketch and solve 6 × 13. Show all of your work.

$6 \times 13 =$ _____

11 Circle true or false for each statement:

a $(2 \times 5) \times 9 = 9 \times (2 \times 5)$ True   False

b $12 \times 8 = (10 \times 8) + (3 \times 8)$ True   False

c $3 \times 50 = 3 \times (5 \times 10)$ True   False

d $(2 \times 4) \times 6 = 2 \times (4 \times 6)$ True   False