

Name \_\_\_\_\_

### Relative Size on a Number Line

**Essential Question** How can you locate and name a point on a number line?

#### UNLOCK the Problem REAL WORLD

Wilfren has 40 pennies, Ella has 400 pennies, and Matt has 4,000 pennies. How do their amounts of pennies compare?

- Circle the amounts you need to compare.

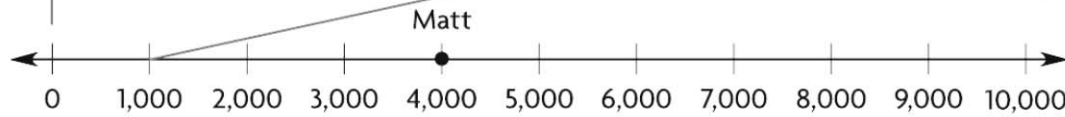
**?** Compare the relative sizes of the amounts of pennies.



Think: 10 tens is 100.



Think: 10 hundreds is 1,000.

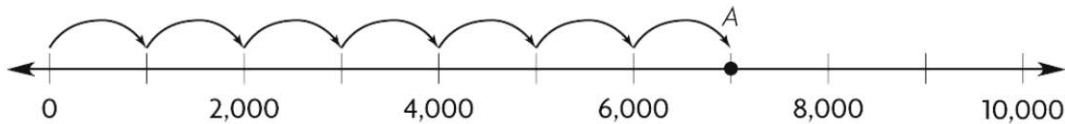


Think: 10 thousands is 10,000.

So, Ella has \_\_\_\_\_ times as many pennies as

Wilfren, and Matt has \_\_\_\_\_ times as many pennies as Ella.

**Try This!** Find the number represented by the point.



Start at 0. Skip count by 1,000s until you reach point A.

There are \_\_\_\_\_ jumps of 1,000. So, point A represents

\_\_\_\_\_.

**Math Talk** Explain how to locate and draw the point 3,000 on a number line.

## Share and Show



Find the number that point  $B$  represents on the number line.

1.

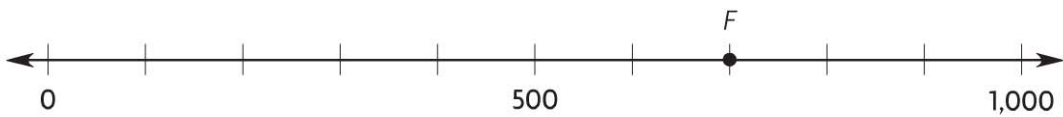


\_\_\_\_\_

## On Your Own

Find the number represented by the point.

2.



\_\_\_\_\_

3.



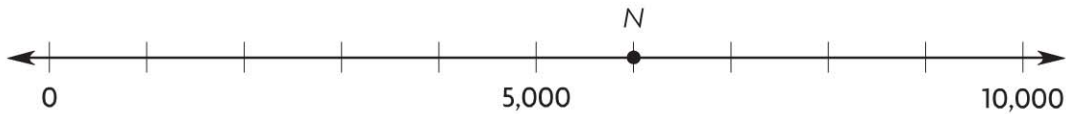
\_\_\_\_\_

## Problem Solving



Use the number line for 4–5.

Nestor and Elliot are playing a number line game.



4. Nestor's score is shown by point  $N$  on the number line. What is his score?

\_\_\_\_\_

5. Elliot's score is 8,000. Is Elliot's score located to the right or to the left of Nestor's score? **Explain.**

\_\_\_\_\_