Name .

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Relate Fractions and Whole Numbers

Essential Question When might you use a fraction greater than 1 or a whole number?

Tunlock the Problem Real

Steve ran 1 mile and Jenna ran $\frac{4}{4}$ of a mile. Did Steve and Jenna run the same distance?

P Locate 1 and $\frac{4}{4}$ on a number line.

- Shade 4 lengths of $\frac{1}{4}$ and label the number line.
- Draw a point at 1 and $\frac{4}{4}$.

Math Idea

Lesson 8.6

Learning Objective You will locate and draw points as fractions and whole numbers

on a number line and then use models to

write fractions greater than 1.

If two numbers are located at the same point on a number line, then they are equal and represent the same distance.

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Try This! Complete the number line. Locate and draw points at $\frac{3}{6}$, $\frac{6}{6}$, and 1.



CONNECT The number of equal parts the whole is divided into is the denominator of a fraction. The number of parts being counted is the numerator. A **fraction greater than 1** has a numerator greater than its denominator.





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