

**Using the Whiteboard**

- Pull out the Problem tab to remind students of the problem.
- Tap **Think** to reveal a helpful hint.
- Ask a volunteer to use the **Pen** to identify the points on the number line and complete the sentence.
- Tap the **Action Arrow** to reveal another way to solve the problem.
- Ask a volunteer to use the **Pen** to complete the sentences and equations.
- Tap **Math Talk** to reveal a discussion question.

Teaching the Math

Explain that a number line can also be used to compare decimals. Just as with whole numbers and fractions, a decimal closer to 0 is less than another decimal. After working through the number line with students, remind them that they have used benchmark fractions to compare fractions.

Ask: How do the benchmarks help you compare the decimals? **Possible answer:** I know 0.4 is less than 0.5 and 0.78 is close to 1.0, so I can tell that 0.4 is less than 0.78.

Before tapping the **Action Arrow**, review the size of a tenth and a hundredth using a decimal model. Discuss with students that when comparing decimal amounts, the comparison is only valid when the decimals represent parts of the same-size wholes.

Answer Key

0.18 is closer to 0, so $0.18 < 0.2$.

0.18 is 18 hundredths.

0.20 is 2 tenths, which is equivalent to 20 hundredths.

18 hundredths $<$ 20 hundredths, so $0.18 < 0.2$.

So, more of the park is covered by paved walkways.

Math Talk

Possible explanation: 0.18 has 1 tenth and 0.2 has 2 tenths. The number of tenths in 0.18 is less than the number of tenths in 0.2.

