

Measure Match Answer Key

- 1) $\frac{3}{4}$ m < 0.80 m. The 0.80 m ribbon is longer.
- 2) $\frac{5}{8}$ kg > 0.60 kg. The $\frac{5}{8}$ kg rock is heavier.
- 3) $\frac{2}{5}$ L < 0.45 L. The 0.45 L bottle holds more water.
- 4) $\frac{7}{10}$ km > 0.65 km. The $\frac{7}{10}$ km trail is longer.
- 5) $\frac{1}{4}$ m < 0.30 m. The 0.30 m board is wider.
- 6) $\frac{9}{10}$ L < 0.95 L. The 0.95 L container holds more juice.
- 7) $\frac{3}{8}$ m < 0.40 m. The 0.40 m rope is longer.
- 8) $\frac{1}{2}$ m, 0.55 m, $\frac{3}{5}$ m

Teacher's Guide

- Review common fraction-decimal equivalents before beginning the activity.
- Encourage students to convert fractions to decimals before comparing measurements.
- Provide number lines or fraction strips for students who need visual support.
- Ask students to explain why one measurement is greater using both fraction and decimal representations.
- Have students work with a partner to check conversions and discuss any disagreements.
- Extend the lesson by having students measure classroom objects and record the lengths as both fractions and decimals before comparing them.