

Name _____

Convert Measurements

Topic 11 Standards

5.MD.A.1, 5.NBT.A.2, 5.NBT.B.5, 5.NBT.B.6

See the front of the Student's Edition for complete standards.

Dear Family,

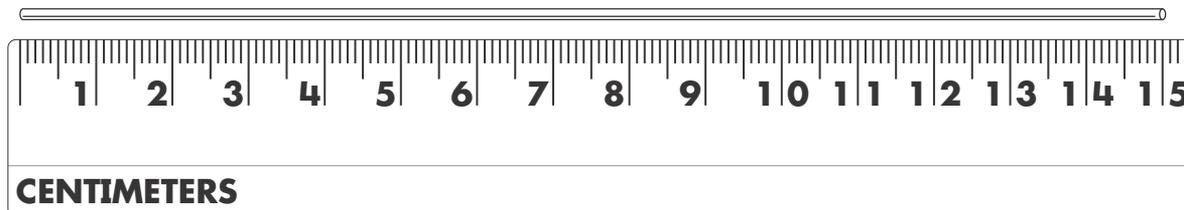
Your student is continuing to develop his or her understanding of customary and metric units of length, capacity, weight, and mass. This topic focuses on converting among different-sized standard measurement units within a given measurement system. Your student will use this understanding in solving multi-step and real-world problems.

Complete the activity with your student to practice these skills.

Converting Between Metric Units of Length

Materials centimeter ruler

Have your child measure an object, such as a piece of string, to the nearest centimeter. Help him or her convert the length to millimeters (multiply by 10) and meters (divide by 100). Repeat this activity by measuring the length of other objects.



The string is about 15 centimeters long.

$$15 \text{ cm} \times 10 = 150 \text{ mm} \text{ and } 15 \text{ cm} \div 100 = 0.15 \text{ m}$$

Observe Your Child

Focus on Mathematical Practice 6

Attend to precision.

Help your child become proficient with Mathematical Practice 6. Have your child measure your arm span to the nearest inch. Then have your child convert the length from inches to feet by dividing by 12. Discuss why it is important to calculate correctly when converting from one unit to another.