

Name _____

Date _____

1. Convert using an equation with an exponent.

a. 2 meters to centimeters 2 m = 200 cm

$$\frac{2 \times 10^2}{}$$

b. 40 millimeters to meters 40 mm = 0.04 m

$$\frac{40 \div 10^3}{}$$

2. Read each aloud as you write the equivalent measures.

a. A piece of fabric measures 3.9 meters. Express this length in centimeters.

$$3.9 \text{ m} = \underline{390} \text{ cm} \quad 3.9 \times 100 = 390$$

b. Ms. Ramos's thumb measures 4 centimeters. Express this length in meters.

$$4 \text{ cm} = \underline{0.04} \text{ m} \quad 4 \div 100 = 0.04$$