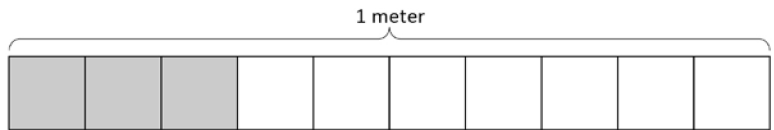


Name _____

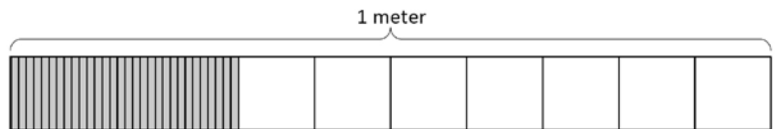
Date _____

1. a. What is the length of the shaded part of the meter stick in centimeters?



- b. What fraction of a meter is 3 centimeters?

- c. In fraction form, express the length of the shaded portion of the meter stick.



- d. In decimal form, express the length of the shaded portion of the meter stick.

- e. What fraction of a meter is 30 centimeters?

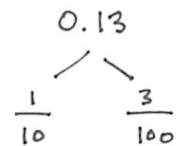
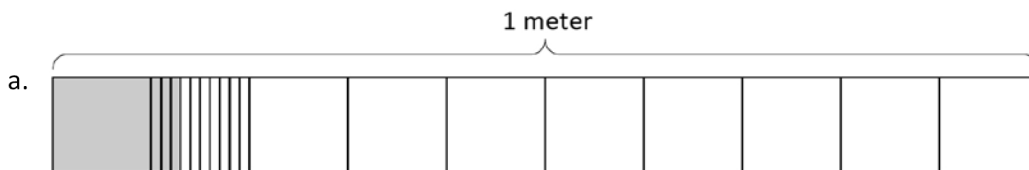
2. Fill in the blanks.

a. 5 tenths = ____ hundredths

b. $\frac{5}{10}$ m = $\frac{\quad}{100}$ m

c. $\frac{4}{10}$ m = $\frac{40}{\quad}$ m

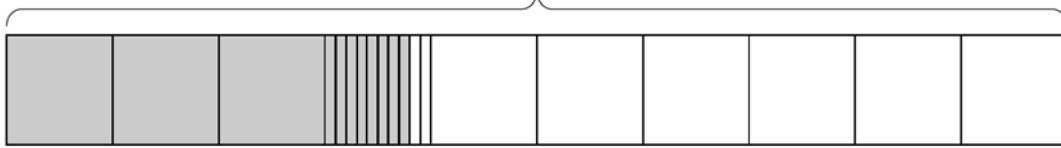
3. Use the model to add the shaded parts as shown. Write a number bond with the total written in decimal form and the parts written as fractions. The first one has been done for you.



$$\frac{1}{10} \text{ m} + \frac{3}{100} \text{ m} = \frac{13}{100} \text{ m} = 0.13 \text{ m}$$

1 meter

b.



1 meter

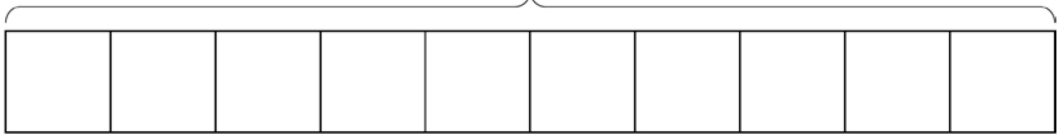
c.



4. On each meter stick, shade in the amount shown. Then, write the equivalent decimal.

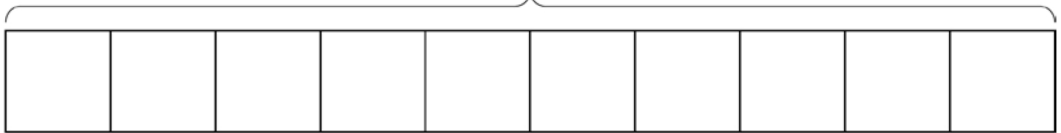
a. $\frac{9}{10}$ m

1 meter



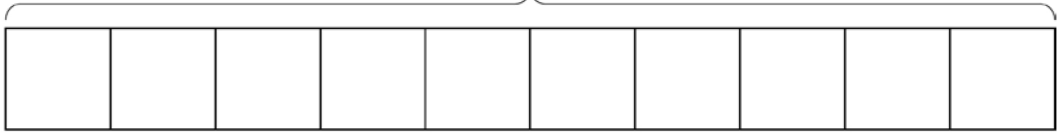
b. $\frac{15}{100}$ m

1 meter



c. $\frac{41}{100}$ m

1 meter



5. Draw a number bond, pulling out the tenths from the hundredths, as in Problem 3 of the Homework. Write the total as the equivalent decimal.

a. $\frac{23}{100}$ m

b. $\frac{38}{100}$ m

c. $\frac{82}{100}$

d. $\frac{76}{100}$

Answer Key

1.
 - a. 30 cm
 - b. $\frac{3}{100}$ m
 - c. $\frac{3}{10}$ or $\frac{30}{100}$ m
 - d. 0.3 or 0.30 m
 - e. $\frac{3}{10}$ or $\frac{30}{100}$ m
2.
 - a. 50
 - b. 50
 - c. 100
3.
 - a. Answer provided.
 - b. $\frac{3}{10}$ m + $\frac{8}{100}$ m = $\frac{38}{100}$ m = 0.38 m; number bond showing $\frac{3}{10}$ and $\frac{8}{100}$ is 0.38
 - c. $\frac{4}{10}$ m + $\frac{6}{100}$ m = $\frac{46}{100}$ m = 0.46 m; number bond showing $\frac{4}{10}$ and $\frac{6}{100}$ is 0.46
4.
 - a. Shaded appropriately; 0.09 m
 - b. Shaded appropriately; 0.15 m
 - c. Shaded appropriately; 0.41 m
5.
 - a. Number bond showing $\frac{2}{10}$ and $\frac{3}{100}$ is 0.23 m
 - b. Number bond showing $\frac{3}{10}$ and $\frac{8}{100}$ is 0.38 m
 - c. Number bond showing $\frac{8}{10}$ and $\frac{2}{100}$ is 0.82
 - d. Number bond showing $\frac{7}{10}$ and $\frac{6}{100}$ is 0.76