Name _____   Date _____

1. For each length given below, draw a line segment to match. Express each measurement as an equivalent mixed number.

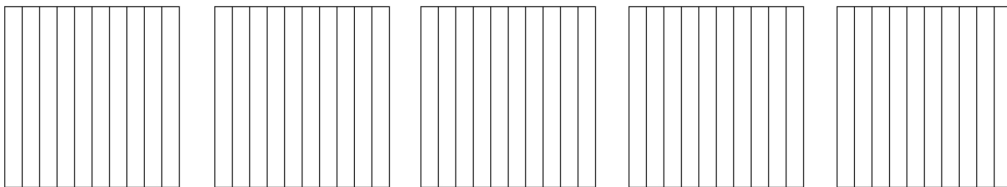   a. 2.6 cm

   b. 3.5 cm

   c. 1.7 cm
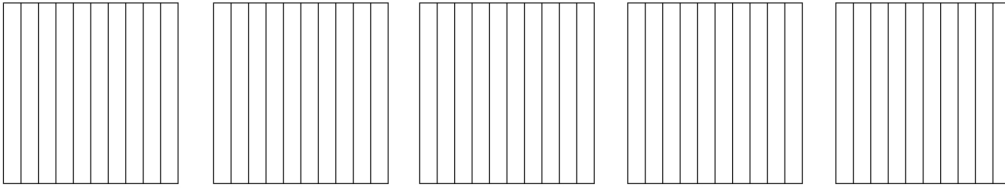
   d. 4.3 cm

   e. 2.2 cm

2. Write the following in decimal form. Then, model and rename the number as shown below.
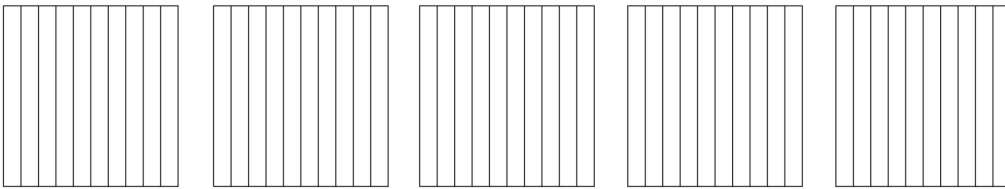
   a. 2 ones and 4 tenths = _____
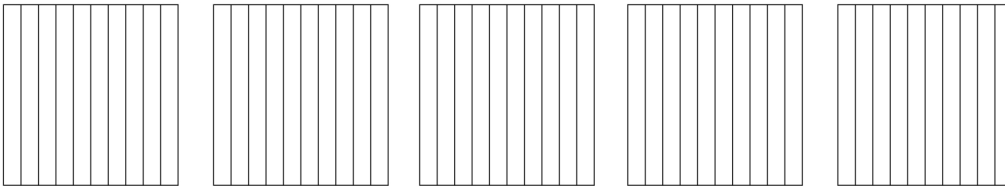
   $2\frac{4}{10} = 2 + \frac{4}{10} = 2 + 0.4 = 2.4$

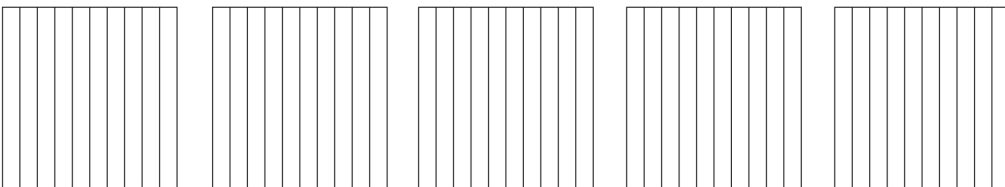b. 3 ones and 8 tenths = _____

c. $4\frac{1}{10}$ = _____

d. $1\frac{4}{10}$ = _____

How much more is needed to get to 5? _____

e. $\frac{33}{10}$ = _____

How much more is needed to get to 5? _____

Answer Key

1. Line segments drawn to given lengths

   a. $2\frac{6}{10}$ cm

   b. $3\frac{5}{10}$ cm

   c. $1\frac{7}{10}$ cm

   d. $4\frac{3}{10}$ cm

   e. $2\frac{2}{10}$ cm

2. Models shaded appropriately

   a. 2.4

   b. $3.8; 3 + \frac{8}{10} = 3 + 0.8 = 3.8$

   c. $4.1; 4 + \frac{1}{10} = 4 + 0.1 = 4.1$

   d. $1.4; 1 + \frac{4}{10} = 1 + 0.4 = 1.4; 3.6$

   e. $3.3; 3 + \frac{3}{10} = 3 + 0.3 = 3.3; 1.7$