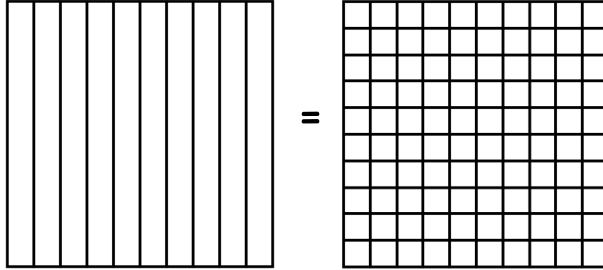Name: _____
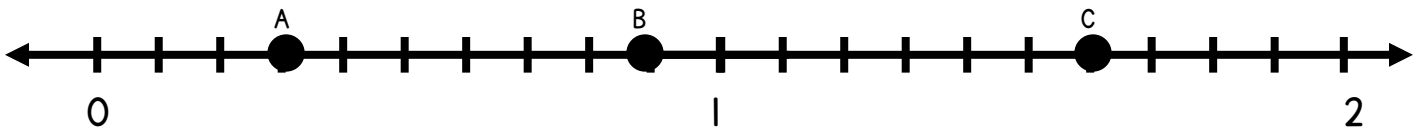
1. Decompose each fraction into hundredths using area models. Then write the equivalent number sentence using decimals.

   $\frac{9}{10}$ =

2. Several points are plotted on the number line below. Identify the decimal number associated with each point.

   A _____   B _____   C _____

   0   1   2

   A. _____   B. _____   C. _____

3. Use the symbols >, =, or < to compare the following.
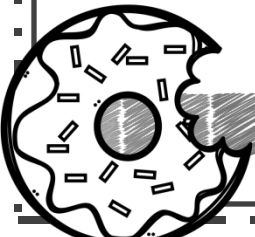
   a. 0.03 ◯ 0.30   b. 7 tenths ◯ 0.7   a. 5.31 ◯ $5\frac{3}{100}$
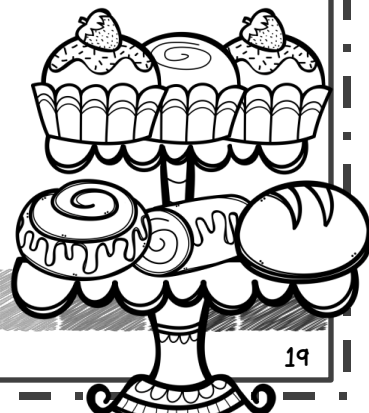
4. Solve.

   a. 0.9 + 2.39   b. 1 quarter 2 dimes 5 pennies + 1 dollar 72 pennies   c. $\frac{76}{100} - \frac{7}{10}$
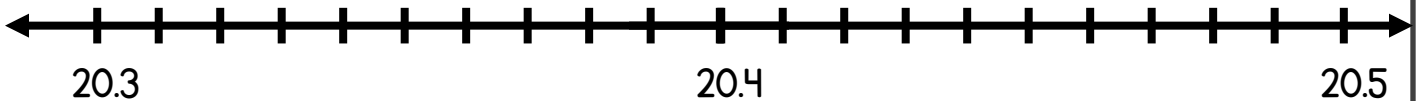
Name: _____

5.   Answer the following questions about a baking contest.

a.   Cara and Chris participated in a baking contest. Cara frosted donuts in 9.4 seconds. Chris had a time of 9.39 seconds. Together, how long did it take them to frost the donuts? Record your answer as a decimal.

Page 2

b.   Cara and Chris were timed while eating their donut. Cara's time was 20.35 seconds and Chris's was 20.4 seconds. Locate those times on the number line. Record the times as decimals and fractions.

20.3   20.4   20.5

c.   Cara's donut weighed 95.2 grams. Chris's donut weighed 4.25 more grams than Cara's donut. Write a statement to compare the two donut weights using >, <, or =.