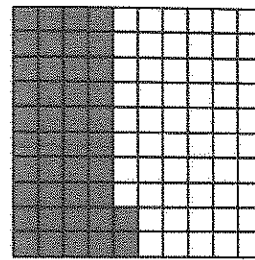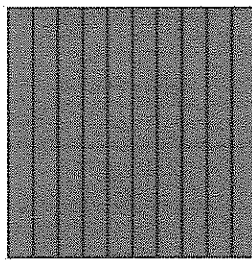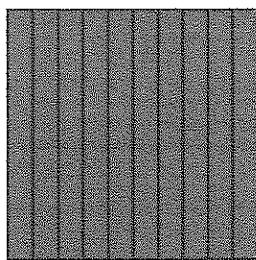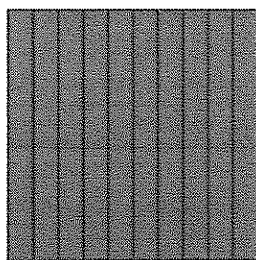## G4-M6-Lesson 6

1. Shade the area models to represent the number, drawing horizontal lines to make hundredths as needed. Locate the corresponding point on the number line. Label with a point, and record the mixed number as a decimal.

$$3\frac{42}{100} = \underline{3.42}$$

> There are 3 ones in $3\frac{42}{100}$. I shade 3 area models completely.
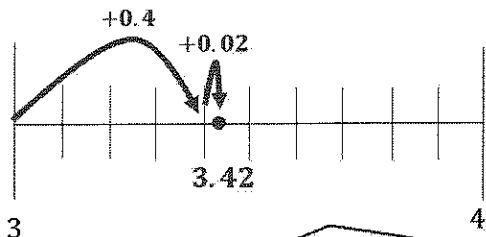


> I shade 42 hundredths after drawing horizontal lines to decompose tenths into hundredths.



> To find 3.42 on the number line, I begin with the largest unit. I start at 3 ones. I slide 4 tenths. Then, I estimate where 2 hundredths would be.

2. Write the equivalent fraction and decimal for the following number.

   9 ones 7 hundredths

   $$9\frac{7}{100} \qquad\qquad 9.07$$

> There are no tenths in this number! I show that with a zero as a placeholder.

> To write a decimal number, I place a decimal point between the ones and the fraction.

8            Lesson 6:     Use the area model and number line to represent mixed numbers with
                           units of ones, tenths, and hundredths in fraction and decimal forms.

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