

Turn quiz over when done.

HW 10 due tomorrow.

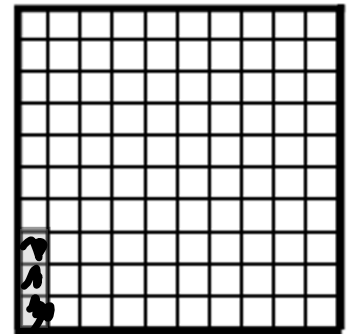
HW 11 due in 2 weeks.

Simplify.

$$\frac{15}{40} \div \boxed{\frac{5}{5}} = \frac{3}{8}$$

Maya and Logan invented a new game called "Guess My Decimal." One of them thinks of a decimal and gives the other a clue to solve for the mystery decimal.

Logan begins the game by saying, "First, I think of the 100% block as a one block so I can make a decimal instead of a percent. Then my decimal can be represented on the one block like this." He pointed to the diagram at right. What is Logan's decimal?



$$\frac{3}{100} = 0.03$$

three hundredths

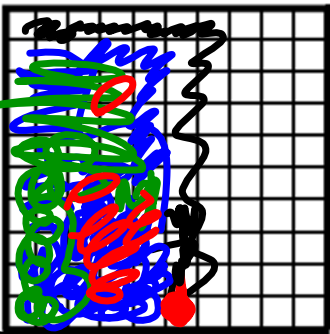
It was Maya's turn. She said, "My decimal is equivalent to  $\frac{3}{5}$ ." What is Maya's decimal?

$$\frac{3}{5} \times \frac{20}{20} = \frac{60}{100}$$

0.60

$$\frac{3}{5} = \frac{6}{10}$$

0.6



equivalent decimals

Logan finishes the game with the following clue:

“My decimal can be built by combining 0.38 with four tenths.” What is Logan’s decimal?

$$\begin{array}{r} 0.38 \\ + 0.4 \\ \hline 0.78 \end{array}$$

