

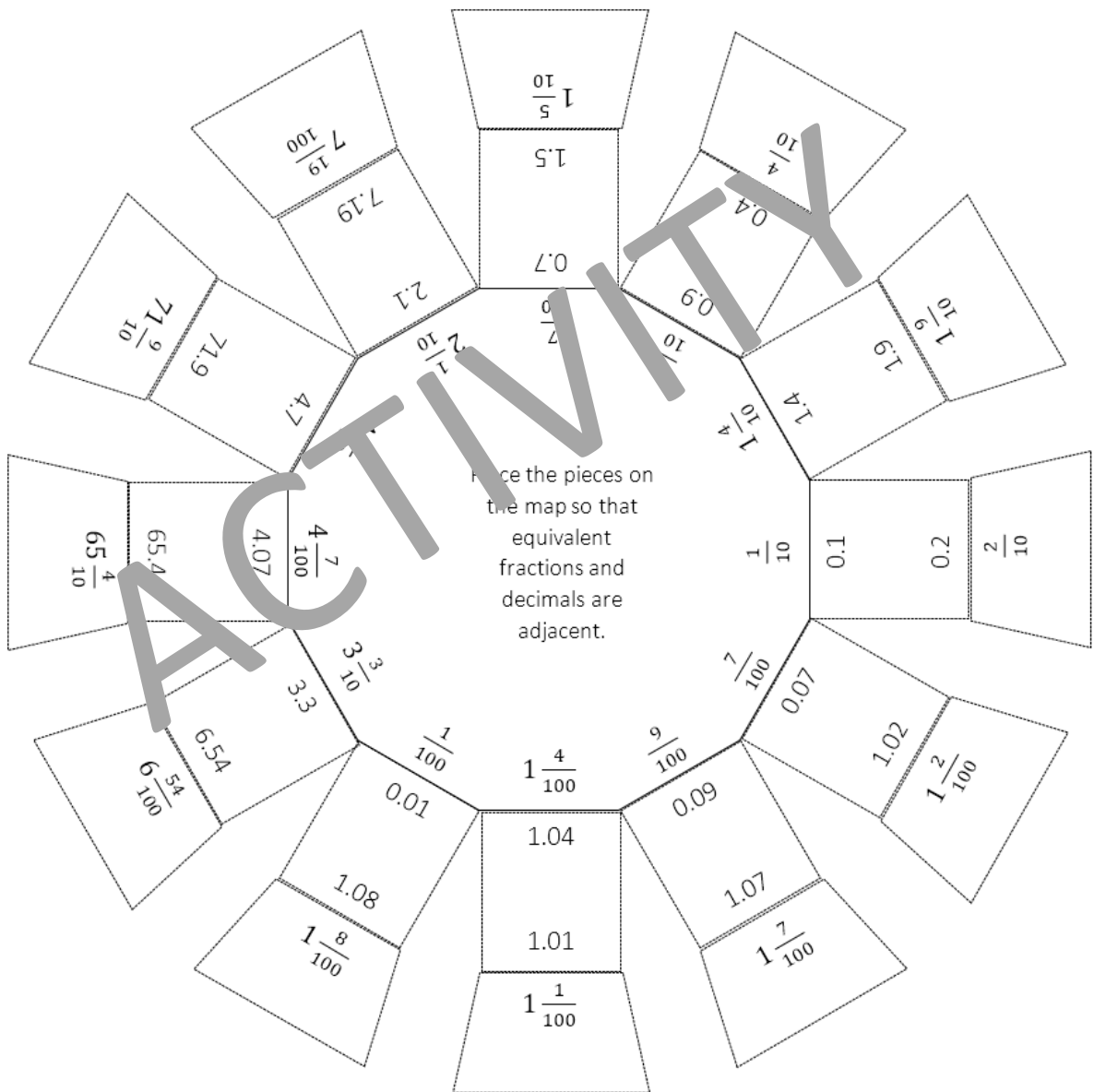
# 4<sup>th</sup> Grade TEKS Readiness Focus

TEKS 4.2G relate decimals to fractions that name tenths and hundredths.

## Activity Directions:

Items Needed: *Fractions and Decimals* puzzle, scissors, glue

1. Copy the activity for each student or partner group.
2. Students must complete the puzzle by matching pieces with equivalent decimals and fractions. (See below.)
3. Have students practice questions coded to TEKS 4.2G.



Name: \_\_\_\_\_

Date: \_\_\_\_\_

TEKS 4.2G: relate decimals to fractions that name tenths and hundredths.

TEKS 4.2G Mini-Assessment

1. A bag of popcorn weighs  $7\frac{8}{100}$  ounces. What decimal is equivalent to  $7\frac{8}{100}$ ?

Enter your answer in the box.



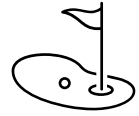
2. A golfer putted 15.6 meters. Which fraction is equivalent to 15.6 meters?

(A)  $15\frac{6}{100}$

(B)  $15\frac{6}{10}$

(C)  $\frac{15}{60}$

(D)  $\frac{156}{100}$



3. Which equations show a decimal and a fraction that are equivalent?

Select **TWO** correct answers.

$28.4 = 28\frac{4}{10}$

$28.44 = 28\frac{44}{10}$

$28.04 = 28\frac{4}{10}$

$28.4 = 28\frac{40}{100}$

$28.4 = 2\frac{84}{100}$

4. Which decimal is equivalent to  $\frac{36}{100}$ ?

(A) 36

(B) 0.036

(C) 0.36

(D) 36.100

5. Mike's toothbrush is 12.9 centimeters long. What mixed number is equivalent to 12.9?

(A)  $12\frac{1}{9}$

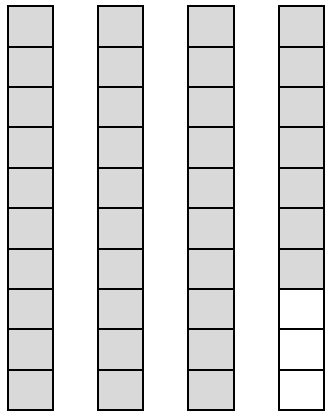
(C)  $12\frac{9}{100}$

(B)  $12\frac{1}{90}$

(D)  $12\frac{9}{10}$



6. The model below is shaded to represent a value greater than 1.



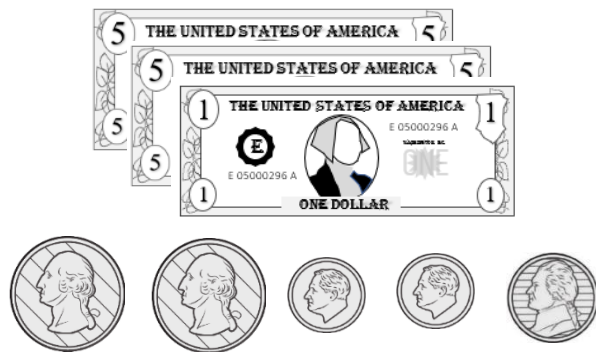
What decimal and equivalent fraction represent the shaded value?

- (A) 37 and  $\frac{37}{100}$
- (B) 3.7 and  $3\frac{7}{10}$
- (C) 3.7 and  $\frac{37}{100}$
- (D) 3.07 and  $3\frac{7}{100}$

8. What decimal number is equivalent to  $\frac{12}{10}$ ?

Enter your answer in the box.

7. Sergio has the money shown. He will use the money to buy a present for his mom.



What fraction is equivalent to the money amount shown?

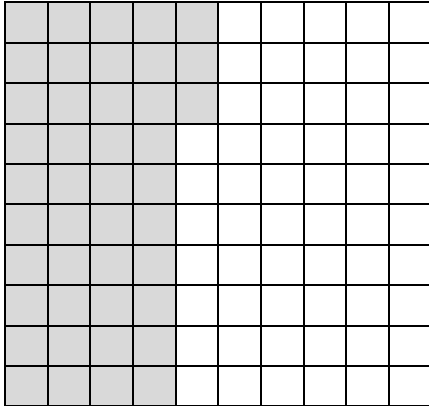
- (A)  $11\frac{75}{100}$
- (B)  $6\frac{75}{100}$
- (C)  $11\frac{75}{10}$
- (D)  $6\frac{75}{10}$

9. Reesa has finished  $\frac{8}{10}$  of a novel. What decimal represents the part of the novel Reesa has finished?

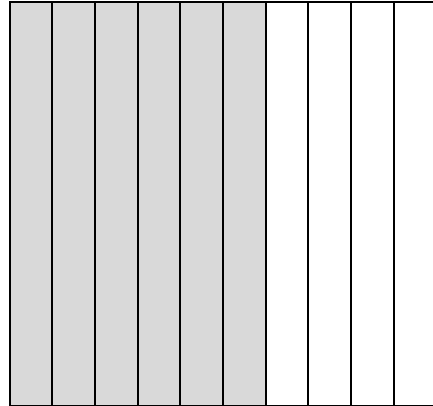
Enter your answer in the box.

10. Two values less than 1 are shaded in the models below.

Model A



Model B



Choose the correct answer from each drop-down menu to complete the statement.

Model A can be represented by the equivalent values \_\_\_\_\_.

0.43 and  $\frac{43}{10}$

0.43 and  $\frac{43}{100}$

Model B can be represented by the equivalent values \_\_\_\_\_.

0.6 and  $\frac{6}{10}$

0.06 and  $\frac{6}{100}$

MINI-ASSESSMENT