 Name 4th Win

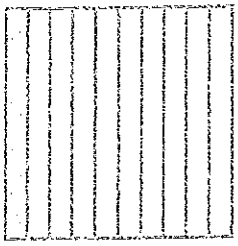
Tenths

Write a fraction and a decimal to represent each picture.

1. fraction: _____

   decimal: _____

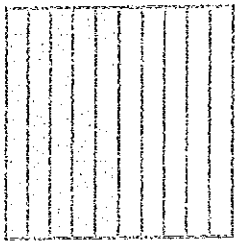
   word name: _____ tenth



2. fraction: _____

   decimal: _____

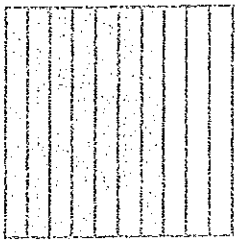
   word name: _____ tenths



3. fraction: _____

   decimal: _____

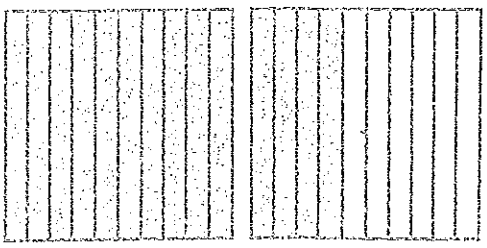
   word name: _____



4. mixed number: _____

   decimal: _____

   word name: one and _____



☆ Tell what the decimal point means.

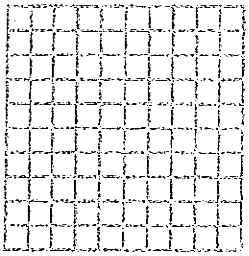
Hundredths

Write a fraction and a decimal to represent each picture.

1. fraction: _____

   decimal: _____

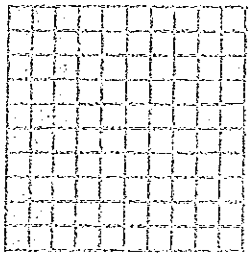
   word name: _____ hundredth



2. fraction: _____

   decimal: _____

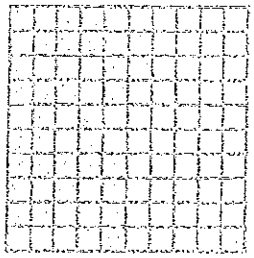
   word name: _____ hundredths



3. fraction: _____

   decimal: _____

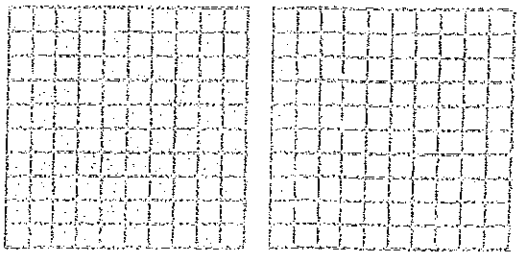
   word name: _____



4. mixed number: _____

   decimal: _____

   word name: one and _____



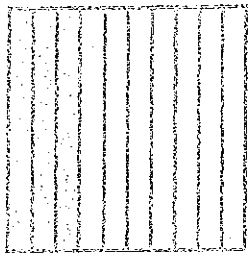
☆ Tell how you could show the decimal using money.

Tenths and Hundredths

Write fraction and decimal equivalents for each picture.

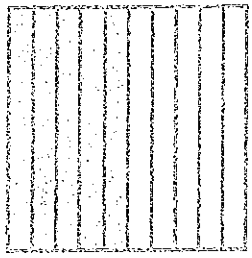
1. $\frac{3}{10} = \frac{\square}{100}$

0.3 = 0.30



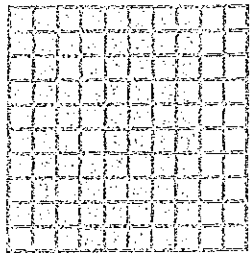
2. $\frac{\square}{10} = \frac{\square}{100}$

0.____ = 0.____



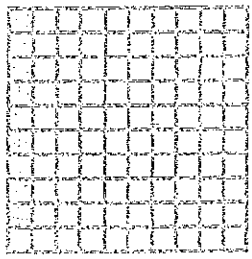
3. $\frac{\square}{100} = \frac{\square}{10}$

0.____ = 0.____



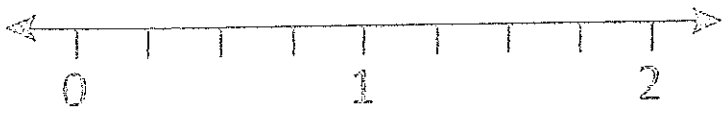
4. $\frac{\square}{100} = \frac{\square}{10}$

0.____ = 0.____



☆ Tell why the fractions and decimals are equivalent.

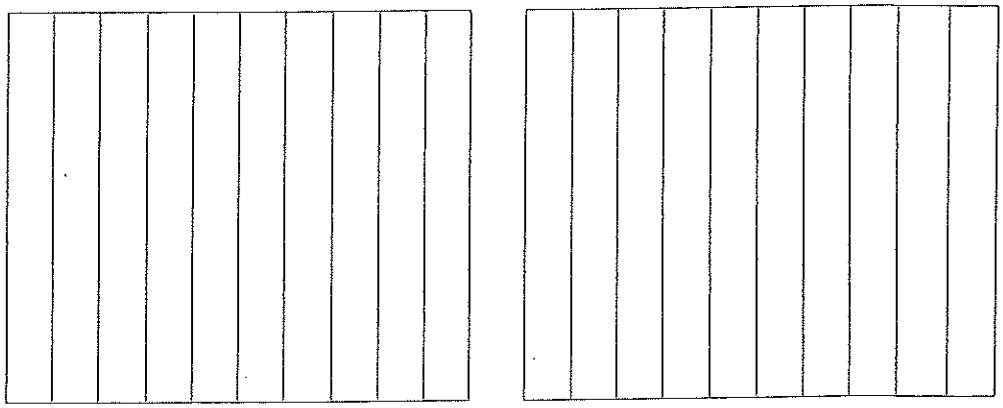
13 Plot the decimal 1.75 on the number line.



What fraction is equivalent to 1.75? Write your answer below.

_____

14 Shade the model to show $1\frac{7}{10}$.



Write the mixed number $1\frac{7}{10}$ as an improper fraction. Write your answer below.

_____

9 Place the numbers listed below in order from lowest to highest.

35.16 35.52 35.37 35.09

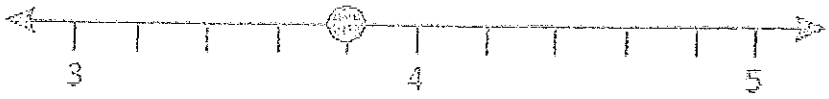
Lowest _____

_____

_____

Highest _____

10 Which fraction and decimal is plotted on the number line below? Circle the two correct answers.



$3\frac{1}{4}$ $3\frac{1}{5}$ $3\frac{4}{5}$ $3\frac{3}{4}$ $3\frac{9}{10}$

3.4 3.5 3.75 3.8 3.9

Test A Name: _____

Directions: Read each problem carefully and select the best answer.

73. Which decimal is greater than 0.44?
   A. 0.43
   B. 0.47
   C. 0.40
   D. 0.41

Begin at the left and find the first place where the digits are different. Compare the digits in that place.

74. Which decimal is equal to 0.3?
   A. 0.03
   B. 3.00
   C. 0.30
   D. 3

If the number in the ones place is not 0, it cannot be equal to 0.3. If the number in the tenths place is not 3, it cannot be equal to 0.3.

75. Which number sentence is true?
   A. $0.98 < 0.98$
   B. $1.4 = 1.04$
   C. $0.75 < 0.65$
   D. $2.21 > 2.2$

It is easier to compare decimals if they have the same number of digits after the decimal. Add zeros to make the place values equal. For example, 1.4 = 1.40.

76. Which list of decimals is in order from least to greatest?
   A. 0.7, 0.74, 0.82, 0.9
   B. 0.35, 0.39, 0.3, 0.41
   C. 1.56, 1.46, 1.36, 1.26
   D. 6.03, 6.30, 3.06, 3.60

Look carefully at each answer choice. Remember to add zeros to make the place values equal.

SHOW YOUR WORK!

Test B Name: _____

Directions: Read each problem carefully and select the best answer.

73. Which decimal makes this inequality true?

$0.52 < n$

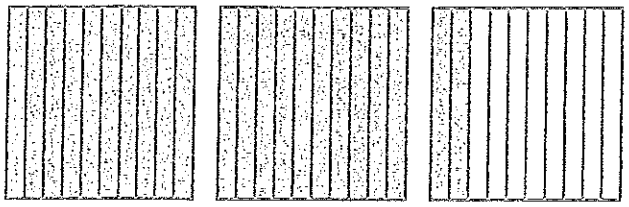
A. $n = 0.5$
B. $n = 0.25$
C. $n = 0.59$
D. $n = 0.51$

Replace the *n* in the inequality with each answer choice. Which one makes it true?

74. Which number sentence is *not* true?

A. $0.83 > 0.84$
B. $1.23 < 1.4$
C. $0.62 = 0.62$
D. $4.05 < 4.50$

75. Which decimal is greater than the one represented by the diagram?



A. 2.2
B. 2.23
C. 2.02
D. 0.99

Look at the diagram and write the decimal represented. Now compare it with the answer choices.

76. Which list of decimals is in order from greatest to least?

A. 0.67, 0.68, 0.69, 0.7
B. 2.5, 1.51, 5.53, 5.81
C. 6.56, 6.41, 6.36, 6.66
D. 8.14, 8.09, 7.35, 0.96

Test C Name: _____

Directions: Read each problem carefully and select the best answer.

73. Jon said he practiced soccer for 1.70 hours. Justin said he practiced soccer for 1.7 hours. Jon said he practiced longer than Justin. Is Jon right?
   A. Yes, Jon practiced 1.53 hours longer.
   B. No, Jon practiced less than Justin.
   C. Yes, Jon practiced more, because 1.70 > 1.7.
   D. No, they both practiced the same amount of time.

74. Which decimal makes this number sentence true?

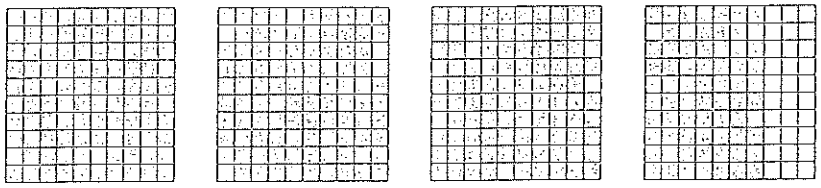
$4.16 > n$

   A. $n = 4.57$
   B. $n = 4.11$
   C. $n = 4.18$
   D. $n = 4.17$

75. Which list of decimals is in order from least to greatest?
   A. 1.04, 1.40, 4.01, 4.10
   B. 6.62, 5.84, 5.04, 6.12
   C. 0.19, 0.91, 0.90, 0.98
   D. 3.71, 3.56, 2.38, 2.17

SHOW YOUR WORK!

76. Which decimal is greater than the one represented by the diagram?



   A. 3.08
   B. 3.70
   C. 3.71
   D. 3.69