

(Repeating) Decimals and Fractions

Name _____ Hr _____

Write each as a decimal.

1. $\frac{1}{4}$

4. $\frac{7}{20}$

2. $\frac{3}{5}$

5. $\frac{6}{25}$

3. $\frac{7}{50}$

6. $\frac{1}{5}$

Write each as a fraction. Must Show Work.

1. 2.2

4. 0.08

2. 0.005

5. 1.6

3. 0.27

6. 0.4

Convert the repeating decimal to a fraction.

1. $0.\overline{6}$

Step 1: The last digit is in the _____ place.

Step 2: _____ - 1 =

Step 3: That answer is the new denominator. The repeating number is the numerator.

Step 4: Simplify if possible.

2. $0.\overline{72}$

3. $0.\overline{191}$

4. $0.\overline{36}$

5. $1.\overline{3}$

6. $5.\overline{6}$

7. $0.0\overline{12}$