

Rational Numbers

Assignment

Part A: Are the numbers rational or irrational? Place the numbers in the appropriate box.

1. $\frac{1}{8}$

2. -5

3. 0

4. $\frac{0}{100}$

5. $\sqrt{10}$

6. $\frac{5}{4}$

7. $\frac{-10}{5}$

8. $\sqrt{5}$

RATIONAL

IRRATIONAL

Part B: Express the following fractions as decimals and determine whether it is terminating or repeating.

1. $\frac{16}{20}$

2. $\frac{9}{20}$

3. $\frac{7}{8}$

4. $\frac{8}{11}$

5. $\frac{14}{11}$

6. $\frac{10}{12}$

Name: _____ Period: _____ Date: _____

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Part C: Express the following decimals as fractions.

1. 0.142

2. 0.65

3. 0.175

4. $0.\overline{07}$

5. 0.93 ...

6. $0.\overline{612}$