

Name _____

Date _____

Irrational Numbers and Decimal Expansion - Matching Worksheet

Write the letter of the answer that matches the problem.

- | | | |
|-------|--|----------------------|
| _____ | 1. Change 0.3 to a fraction. | a. .19 |
| _____ | 2. Label the number rational or irrational:
$\frac{3}{2}$ | b. $\frac{17}{100}$ |
| _____ | 3. Write $\frac{63}{100}$ in decimal form. | c. $\frac{1}{10}$ |
| _____ | 4. Change 0.1 to a fraction. | d. Rational number |
| _____ | 5. Write $\frac{82}{100}$ in decimal form. | e. $\frac{22}{100}$ |
| _____ | 6. Label the number rational or irrational:
$\sqrt{5}$ | f. $\frac{3}{10}$ |
| _____ | 7. Write $\frac{19}{100}$ in decimal form. | g. .74 |
| _____ | 8. Write $\frac{74}{100}$ in decimal form. | h. Irrational number |
| _____ | 9. Change 0.17 to a fraction. | i. .82 |
| _____ | 10. Change 0.22 to a fraction. | j. .63 |

