

Nickname: _____ No. _____

Practice 2.1 Real Numbers

Identify whether the following numbers is a Rational (R) or an Irrational (I).

____ 1. 0.09009000900009...

____ 2. $0.\overline{201}$

____ 3. $\frac{\sqrt{3}}{4}$

____ 4. $\frac{\sqrt{9}}{25}$

____ 5. $\frac{\pi}{2}$

____ 6. $\sqrt{2}$

____ 7. 0.3

____ 8. $-\sqrt[3]{8}$

____ 9. 0.0555555...

____ 10. $1.\dot{3}$

II. Converting recurring decimals into fractions.

Drag and drop the answer on the space provided after each number.

$\frac{2051}{990}$	$\frac{2051}{999}$	$\frac{17}{90}$	$\frac{17}{99}$
$\frac{19}{66}$	$\frac{95}{333}$	$\frac{1793}{4995}$	$\frac{163}{450}$
$\frac{43}{990}$	$\frac{43}{90}$	$\frac{43}{99}$	$\frac{19}{60}$

1. $0.1\dot{8}$ _____

2. $0.2\dot{8}\dot{7}$ _____

3. $0.3\dot{5}8\dot{9}$ _____

4. $0.\dot{4}\dot{3}$ _____

5. 2.071717171 ... _____