Name	Date
Classify these numbers as either ra	ational or irrational and explain your reasoning.
1) 74	2) .01283
Why?	Why?
3) $\frac{2}{15}$	4) .25
Why?	Why?
5) √ <u>36</u>	6) 4.2435
Why?	Why?
7) $\sqrt{2}$	8) <i>π</i>
Why?	Why?

Rational/Irrational Worksheet

Give an example of a number that would satisfy these rules.

9) A number that is rational and is a fraction.

10) A number that is irrational because it is a non-terminating, non-repeating decimal.

- 11) A number that is rational because it is a terminating decimal.
- 12) A number that is rational because it is a repeating decimal.

Classify each number as rational or irrational. Place the following numbers in the diagram.

