



Rational and Irrational Numbers

The ancient Greeks discovered that some numbers cannot be represented as fractions. Rational numbers can; irrational numbers cannot. Express each of the numbers below as a fraction if you can. Label the numbers as rational or irrational.



- 1) π _____
- 2) 5 _____
- 3) $\sqrt{99}$ _____
- 4) $\sqrt{3}$ _____
- 5) $\sqrt{100}$ _____
- 6) $300\overline{3}$ _____
- 7) $14/3$ _____
- 8) 1.5 _____
- 9) $11\sqrt{7}$ _____
- 10) $\sqrt{2}$ _____
- 11) $\sqrt{8}$ _____
- 12) $\sqrt{-5}$ _____