

Name _____

Deciphering Numbers: Understanding Fractions and Decimals

Short Answer Key

1. A fraction is a way of expressing a part of a whole, consisting of a numerator and a denominator separated by a line. Example: $\frac{2}{3}$ represents two out of three equal parts.
2. Fractions are written as ratios of two integers, while decimals are based on powers of 10 and are written with a decimal point.
3. Fractions can be converted to decimals by dividing the numerator by the denominator.
4. An example of a repeating decimal is $0.333\dots$, where the digit 3 repeats infinitely.
5. Fractions are often used when precision is required, such as in measurements or when representing exact quantities.

