

Vocabulary: Dividing Mixed Numbers



Vocabulary

- Mixed number – a whole number combined with a fraction.
 - For example, $1\frac{1}{2}$ and $4\frac{2}{5}$ are mixed numbers.
 - Mixed numbers are a shorthand way to write a sum. For example, the mixed number $4\frac{2}{5}$ is equivalent to the sum $4 + \frac{2}{5}$.
- Quotient – the result of division.
 - For example, the quotient of $2\frac{1}{2}$ and $1\frac{1}{4}$ is 2, because $2\frac{1}{2} \div 1\frac{1}{4} = 2$.
- Reciprocal – the result of switching the numerator and denominator of a fraction.
 - For example, $\frac{5}{4}$ and $\frac{4}{5}$ are reciprocals.
 - The product of a number and its reciprocal is always 1.