

Fractions Review

Equivalent fractions: we can obtain an equivalent fraction by _____ or _____ both the numerator AND the _____ by the same value.

Ex.

Mixed numbers, improper fractions and decimals: a fraction is improper when its _____ is greater than its _____. Its value is thus greater than 1 and can be written as a mixed number.

Ex.

- changing a mixed number to an improper fraction

- changing an improper fraction to a mixed number

- when you change a fraction (exact value) into a decimal, you often get an _____ value. If you need an exact value, keep the decimal answer. Many calculators will will change a decimal answer into a fraction for you.

Adding and Subtracting: we need a _____
_____.

Ex.

Mutiplied: we **do not** need a _____
_____.

Ex.

- simplifying first is always easier

Ex.

Dividing: instead of dividing, we can always multiply by the _____.

- Recall:
 - > the reciprocal of ____ is ____
 - > the reciprocal of ____ is ____
 - > the reciprocal of ____ is ____
 - > the reciprocal of ____ is ____

Ex.