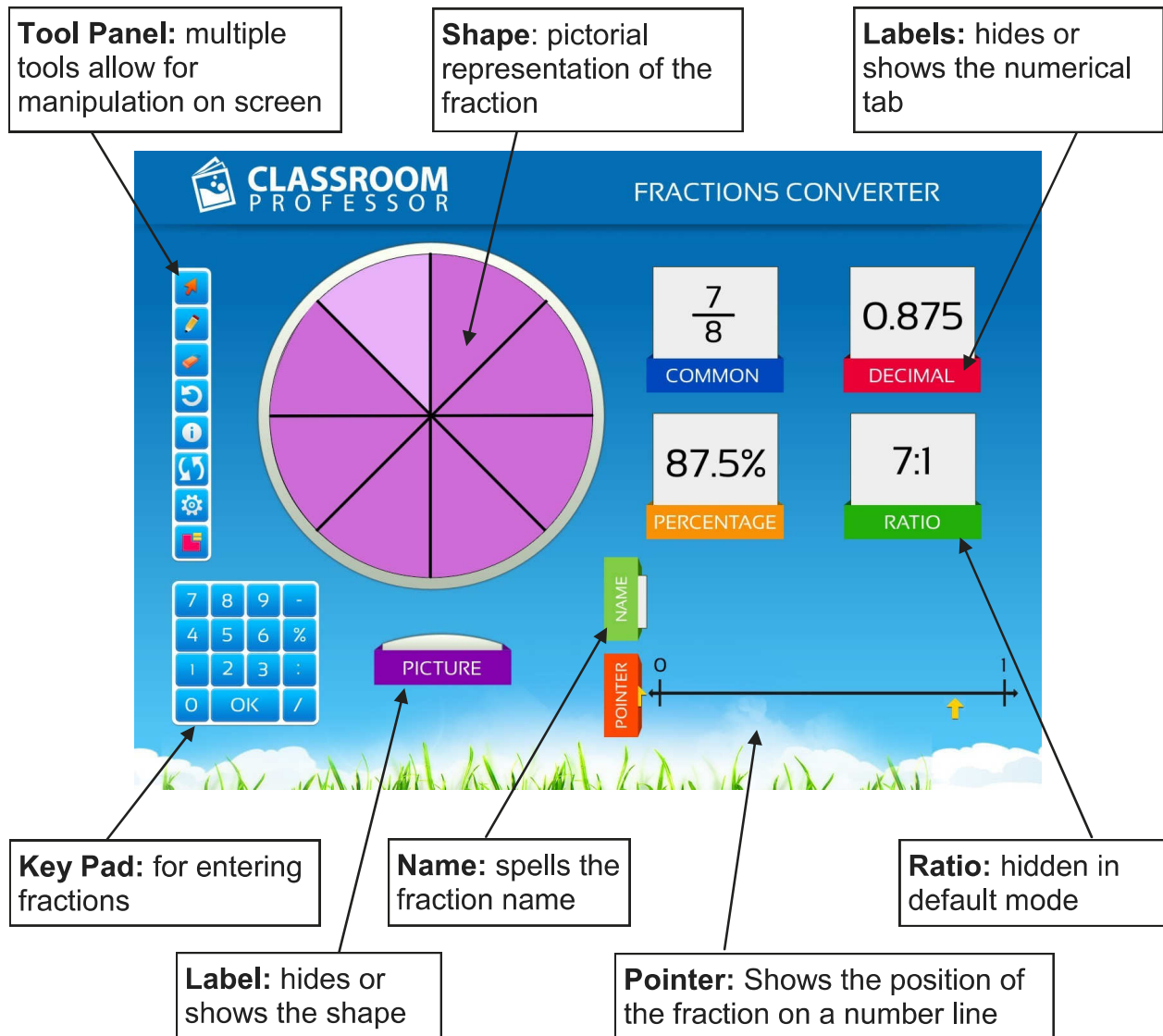


Classroom Professor Gadgets: Fraction Converter

This program is designed to help students to understand the connections between common fractions, decimal fractions, percentages and ratios. The program allows teachers a high level of flexibility in showing almost any fraction to thousandths, in symbolic and visual forms.

Main Interface



Tool Panel: multiple tools allow for onscreen manipulation



Pointer: resets cursor to a pointer

Pen: choose from 9 shades in the pop out panel

Eraser: removes all pen marks

Reset: resets all settings back to a default fraction

Information: information about Fraction Converter details

Simplify: will simplify fractions, then will toggle between the two fractions

Options: pop up box offering preset options

Shape: Toggles between a circle and a square

Options Pop Up:

Decimal separator: choose “.” or “,”

Decimal places: choose from 1 to 6

Use “and” in text display: to show “one hundred **and** fifty-six” or omit it.

Text display choice: to show “**quarter**” or “**fourth**”

Save the last fraction: the last fraction saved or revert to preset.

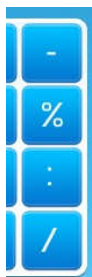
Entering a Fraction:

There are two ways to enter a fraction:



1. click on the fraction to be altered — click on the white area not the label

2. choose from the four options on the right hand side of the keypad



- Decimal Fraction
- Percentage
- Ratio
- Common Fraction



For Decimal and Percentage fractions:

1. enter the number
2. click OK

For Ratio and Common Fractions

1. enter the first ratio or numerator
2. click the : or the /
3. enter the second ratio or denominator
4. click OK