

Using The TI-nspire to do Fractions

Changing Mixed Numbers into Improper Fractions

1. $3\frac{3}{5}$ means $3 + \frac{3}{5}$
2. Input $(3 + 3 / 5)$
3. Hit - Enter
4. Improper Fraction will appear

$$\begin{array}{c} 3\frac{3}{5} \\ \uparrow \quad \uparrow \\ \text{whole} \quad \text{fraction} \end{array} \quad 3\frac{3}{5} = \frac{18}{5}$$

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Practice

$$1. 4\frac{3}{8} = \frac{35}{8} \\ (4 + 3/8)$$

$$2. 5\frac{1}{12} = \frac{61}{12} \\ (5 + 1/12)$$

$$3. 7\frac{4}{11} = \frac{81}{11}$$

$$4. 11\frac{2}{3} = \frac{35}{3}$$

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Changing Improper Fractions to Mixed Numbers

1. Menu
2. Hit - 2. Number
3. Hit - 7. Fraction Tools
4. Hit - 1. Proper Fraction
5. Enter the improper fraction in the parentheses
6. Enter

$$\frac{18}{5} \quad \text{propfrac}(18/5) \\ 3\frac{3}{5}$$

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Practice:

$$5. \frac{7}{3} \\ \text{propfrac}(7/3)$$

$$6. \frac{38}{13} = 2\frac{12}{13}$$

$$7. \frac{421}{4} = 105\frac{1}{4}$$

$$8. \frac{64}{5} = 12\frac{4}{5}$$

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HOMEWORK

Worksheet - Mixed #'s & Improper
Fractions (Calculator)

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