

## Fraction Calculations

- Use COMP mode for fraction calculations.
- Total number of digits (including division marks) cannot exceed 10.

• **Example 1:**  $\frac{2}{3} + \frac{4}{5} = 1\frac{7}{15}$

2  $\frac{a}{b}$  3  $+$  4  $\frac{a}{b}$  5  $=$  1 7 15.

• **Example 2:**  $3\frac{1}{4} + 1\frac{2}{3} = 4\frac{11}{12}$

3  $\frac{a}{b}$  1  $\frac{a}{b}$  4  $+$   
1  $\frac{a}{b}$  2  $\frac{a}{b}$  3  $=$  4 11 12.

• **Example 3:**  $\frac{2}{4} = \frac{1}{2}$

2  $\frac{a}{b}$  4 2 4.  
 $=$  1 2.

• **Example 4:**  $\frac{1}{2} + 1.6 = 2.1$

1  $\frac{a}{b}$  2  $+$  1.6  $=$  2.1

Fraction/decimal calculation result is always decimal.

## Sexagesimal Functions

• **Example 1:**  $14^{\circ}25'36'' + 12^{\circ}23'34'' = 26^{\circ}49'10''$

14  $\frac{\circ}{\prime}{\prime\prime}$  25  $\frac{\circ}{\prime}{\prime\prime}$  36  $\frac{\circ}{\prime}{\prime\prime}$   $+$   
12  $\frac{\circ}{\prime}{\prime\prime}$  23  $\frac{\circ}{\prime}{\prime\prime}$  34  $\frac{\circ}{\prime}{\prime\prime}$   $=$  26°49°10.

• **Example 1:**  $\sqrt{2} + \sqrt{3} \times \sqrt{5}$

2  $\frac{\sqrt{\square}}$   $+$  3  $\frac{\sqrt{\square}}$   $\times$  5  $\frac{\sqrt{\square}}$   $=$  5.287196909

• **Example 2:**  $1.234 + 1.234$ , rounding input to two places.

$\text{MODE}$  7 2 1.234  $\frac{\text{RND}}$   $+$   
1.234  $\frac{\text{RND}}$   $=$  FIX  
2.46

- Press  $\text{MODE}$  9 to clear FIX specification.

• **Example 3:**  $1 \div 3$ , displaying result with two significant digits (SCI 2).

$\text{MODE}$  8 2 SCI  
0.0<sup>00</sup>  
1  $\div$  3  $=$  SCI  
3.3<sup>-01</sup>

- Press  $\text{MODE}$  9 to clear SCI specification.

• **Example 2:**  $1^{\circ}2'3'' + 4.56 = 5.594166667$

1  $\frac{\circ}{\prime}{\prime\prime}$  2  $\frac{\circ}{\prime}{\prime\prime}$  3  $\frac{\circ}{\prime}{\prime\prime}$   $+$  4.56  $=$  5.594166667

• **Example 5:**  $12^{\circ}34' \leftrightarrow 12.56666667$

12  $\frac{\circ}{\prime}{\prime\prime}$  34  $\frac{\circ}{\prime}{\prime\prime}$   $\frac{\text{SHIFT}}{\frac{\circ}{\prime}{\prime\prime}}$   $=$  12.56666667