# 3.7 Degrees and radians

#### 3.7.1 Switch the calculator to degrees or radians mode

To switch from radians to degrees mode, press , select Settings & Status > Document Settings. In the Angle dropdown, select Radian or Degree.

#### 3.7.2 Display exact value of an angle in radians

Suppose you have to compute the exact value in radians of  $\sin^{-1}\left(\frac{1}{2}\right)$  on your calculator.

① Put your calculator in radians mode since you want the result in radians (see 3.7.1).

2 Write  $sin^{-1}(1/2)$ 

The result of the steps should look like this:



### 3.7.3 Add degrees and radians

Suppose you have the following computation to do:

$$60^{\circ} + \frac{\pi}{2}$$
 rads, answer in radians

① Put your calculator in Radian mode since you want the result in radians (see 3.7.1)

③ Press , select Number > Convert to Decimal, press (to convert into decimal form). The steps should look like this:



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$60^{\circ} + \frac{\pi}{2}$		$\frac{5 \cdot \pi}{6}$
$\frac{5 \cdot \pi}{6}$ Decimal		2.61799
1		
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