

Time and Angle Calculations 2

Junior high school

•••••••••• Using the activity in the classroom ••••••••••

Exploring the relationship between decimal expression of time (or angle) and the same expression in hours (or degrees), minutes and seconds.

The second function operation of the $\overset{\leftrightarrow \text{DEG}}{\text{D}^\circ\text{M}'\text{S}}$ key allows the actual time or angle to be expressed in decimal terms.

Press $\boxed{1}$ $\boxed{\text{D}^\circ\text{M}'\text{S}}$ $\boxed{4}$ $\boxed{5}$ $\boxed{\text{D}^\circ\text{M}'\text{S}}$

$\overset{\leftrightarrow \text{DEG}}{\text{2ndF}}$ $\boxed{\text{D}^\circ\text{M}'\text{S}}$

$\boxed{\text{CHANGE}}$

$\boxed{\text{CHANGE}}$

DEG W-VIEW
 $1^\circ 45'$
N1

DEG W-VIEW
 $1^\circ 45'$
N1 $1\frac{3}{4}$

DEG W-VIEW
 $1^\circ 45'$
N1 $1\frac{3}{4}$

DEG W-VIEW
 $1^\circ 45'$
N1 1.75

Students can demonstrate for themselves that a time of 2 hr 30 min is not entered on the calculator as 2.30, which is a common mistake.