

DECIMAL DEGREES → DMS FORM *Maze!*

Directions: Begin at the Start box. Write each angle measure in degree-minute-second (DMS) form. Record your answers in the boxes. Use the seconds to navigate through the maze.

Start! 16.575°

298.165° 139.128° 207.92°

107.952° 305.716° 143.059° 75.261°

41.846° **End!** 328.42° 4.649°

274.403° 316.76° 296.197°



 DD to DMS

DMS to DD 

DMS FORM → DECIMAL DEGREES *Maze!*

Directions: Begin at the Start box. Write each angle measure in decimal degrees form. Round to the nearest ten-thousandth of a degree when necessary. Record your answers in the boxes. Use the digits after the decimal to navigate through the maze.

$296^\circ 36' 18''$ $88^\circ 7' 12''$ $235^\circ 23' 51''$ $58^\circ 11' 6''$

$160^\circ 52' 57''$ $336^\circ 44' 33''$ $132^\circ 35' 24''$ **Start!** $161^\circ 29' 6''$

$143^\circ 5' 42''$ **End!** $19^\circ 14' 6''$ $142^\circ 29' 24''$

$268^\circ 16' 35''$ $249^\circ 7' 39''$ $320^\circ 47' 50''$ $3^\circ 3' 27''$