

Name : _____

Degrees, Minutes & Seconds to Degrees

Mixed: 51

Convert each degrees, minutes and seconds to decimal degrees. Round the answer to the nearest hundredth.

1) $69^{\circ} 7' 45''$

2) $258^{\circ} 34'$

3) $27^{\circ} 12'$

5) $71^{\circ} 16' 6''$

7) $373^{\circ} 25'$

8) $805^{\circ} 58' 31''$

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Name : _____

Answer key

Degrees, Minutes & Seconds to Degrees

Mixed: 51

Convert each degrees, minutes and seconds to decimal degrees. Round the answer to the nearest hundredth.

1) $69^{\circ} 7' 45''$

2) $258^{\circ} 34'$

69.13^o

258.57^o

3) $27^{\circ} 12'$

2

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182.17^o

5) $71^{\circ} 16' 6''$

71

94.72^o

7) $373^{\circ} 25'$

373.42^o

8) $805^{\circ} 58' 31''$

805.98^o