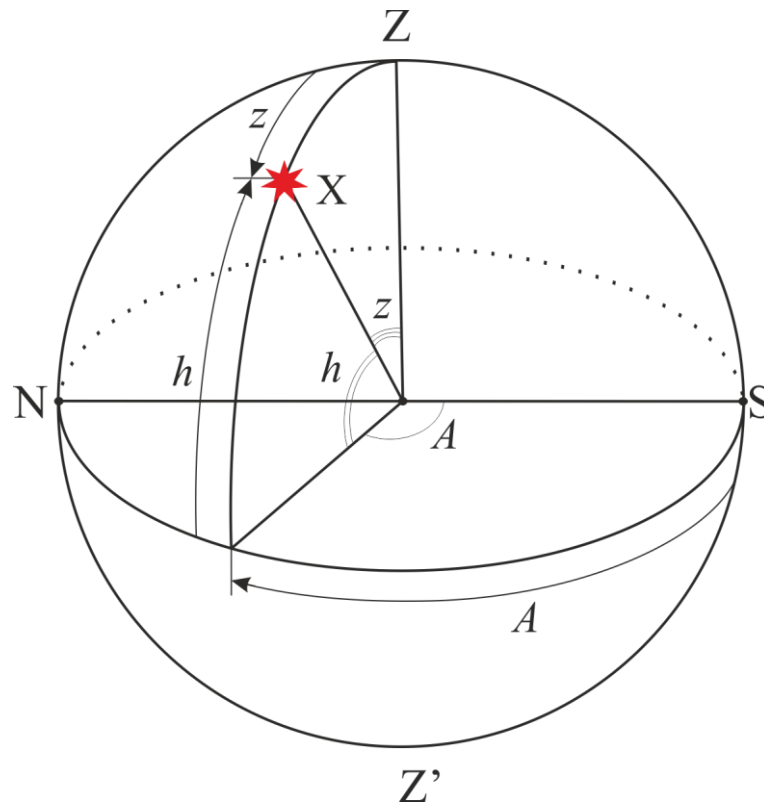


**Answer on Question #69695, Physics / Astronomy | Astrophysics**

Show the horizon coordinates of a star X on a celestial sphere for a location at latitude  $30^\circ$  N.

**Solution:**



At the picture above:

X – star;  $A$  – azimuth;  $h$  – altitude.

Answer provided by AssignmentExpert.com