

You may have confused  $30^\circ$  and  $60^\circ$  or opposite and adjacent sides. Refer to the  $30^\circ - 60^\circ - 90^\circ$  triangle and use the definition of sine. The side opposite  $30^\circ$  has length 1. Once you have found the value of sine, remember that the value of cosecant is the reciprocal of this.