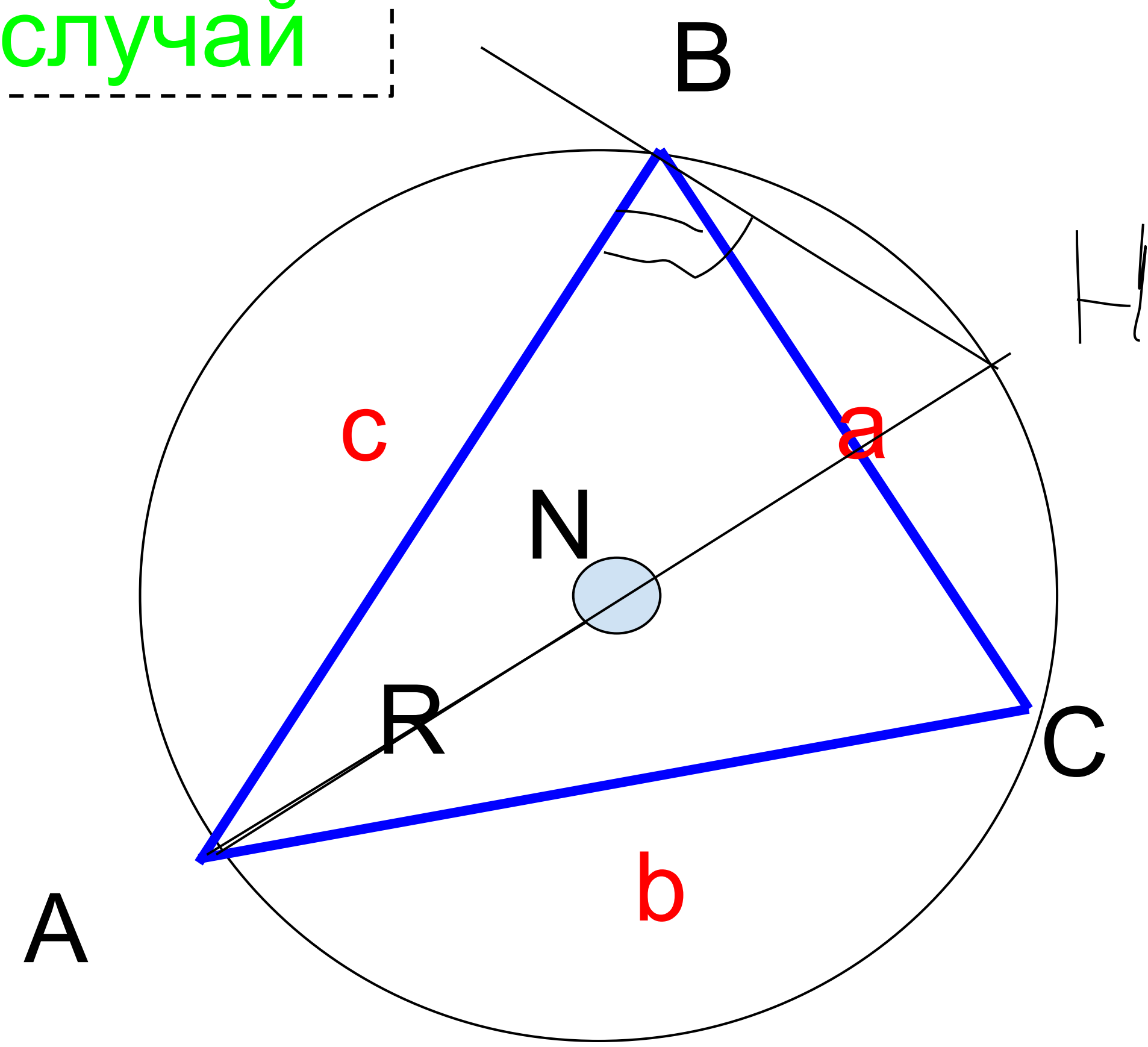


1 случай



$$a/\sin A = b/\sin B = c/\sin C = 2R$$

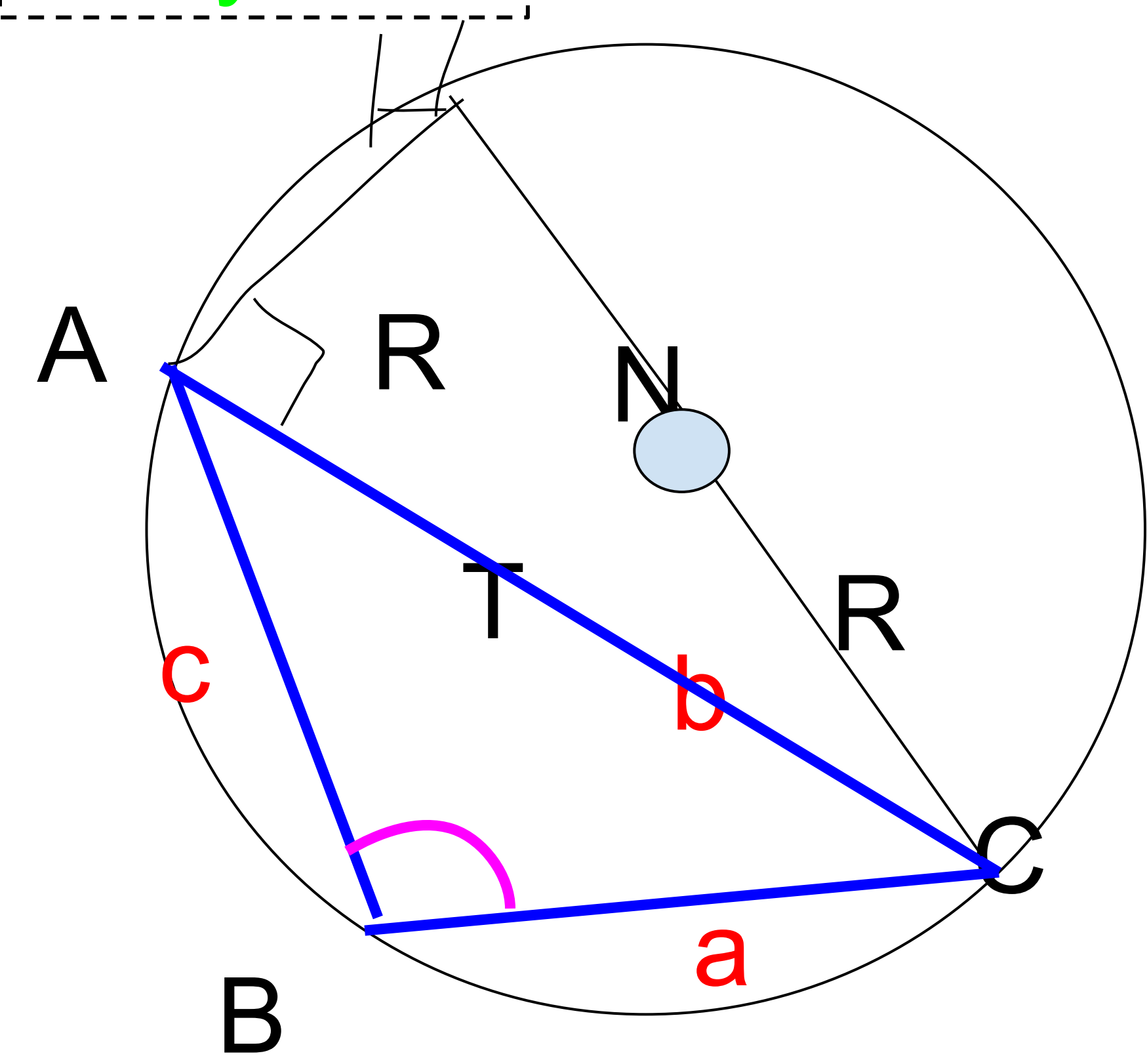
$$S = \frac{1}{2} * b * c * \sin A$$

$$\sin H = c/2R$$

$$\sin H = \sin C$$

$$\sin C = c/2R$$

2 случай



для A и C смотреть случай 1
 $b/2R = \sin H$
 $B + H = 180$
 $\sin B = \sin H$
 $\sin(180 - H) = \sin 180 * \cos H - \sin H * \cos 180 = -\sin H * (-1) = \sin H$