

W28003

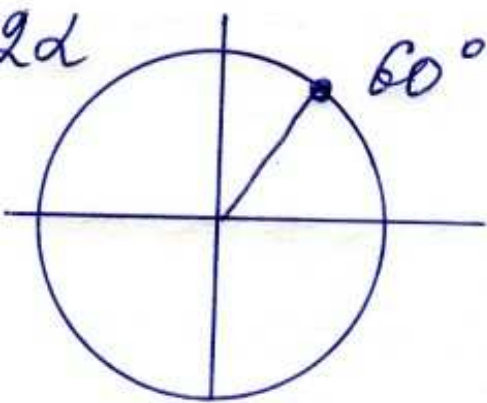
$$H = \frac{v_0^2}{4g} (1 - \cos 2d)$$

$$v_0 = 20, \quad h = 4 + 1 = 5$$

$$H = \frac{400}{4 \cdot 10} (1 - \cos 2d) = 5$$

$$1 - \cos 2d = \frac{1}{2} \rightarrow$$

$$\cos 2d = \frac{1}{2}, \quad 0 < d < 90^\circ$$



$$2d = 60^\circ$$

$$\rightarrow d = 30^\circ$$

Direksi:  $30^\circ$