

We will have:

$$\begin{aligned}d &= \sqrt{49^2 + 35^2 - 2 \cdot 49 \cdot 35 \cdot \cos(180^\circ - 41^\circ)} = \\ &= \sqrt{2401 + 1225 + 2588.654} = 78.8 \text{ m.}\end{aligned}$$

Answer: 78.8 meters.