

Medium

DGVCL Vidyut Sahayak JE (Electrician) 2024

8 3

A

45

B

60

C

30

Correct

D

120

Correct Answer: C

Full Detailed Explanation

$\tan \theta = \frac{\text{opposite}}{\text{adjacent}} = \frac{8}{8-3} = \frac{8}{5}$, $\theta = \tan^{-1}\left(\frac{8}{5}\right) \approx 57.99^\circ$

Open live question on website:

<https://sarkariresultout.com/pyq/gu/question/find-the-angle-of-depression-of-a-car-from-the-top-of-an-8/>