

Answer on Question #57930 -Math -Trigonometry

In degree measure, the angles $\pi/3$, $\pi/4$ and $\pi/2$ are respectively:

A: 60° , 30° , 90°

B: 60° , 45° , 90° ,

C: 45° , 60° , 90° ,

D: 30° , 45° , 90°

Answer

B: 60° , 45° , 90°

Solution

$\pi=180^\circ$; so

$$\frac{\pi}{3} = \frac{180}{3} = 60$$
$$\frac{\pi}{4} = \frac{180}{4} = 45$$
$$\frac{\pi}{2} = \frac{180}{2} = 90$$