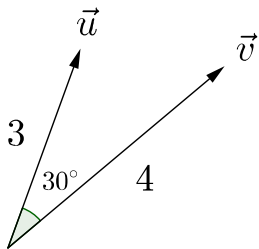


The Cross Product



Question

The figure shows two vectors with $|\vec{u}| = 3$ and $|\vec{v}| = 4$. Which of the following numbers is $|\vec{u} \times \vec{v}|$?



- A. 6
- B. 12
- C. $6\sqrt{3}$
- D. 30°
- E. There is not enough information to determine.