| $\vec{A} \cdot \vec{B} > 0$ | θ is acute. |
|------------------------------|-------------------------|
| $\vec{A} \cdot \vec{B} < 0$ | θ is obtuse. |
| $\vec{A} \cdot \vec{B} = 0$ | Vectors are orthogonal. |
| $\vec{A} \times \vec{B} = 0$ | Vectors are parallel. |