

Precalculus 6.2.1 Notes

Vectors can be multiplied in two different ways:

Inner Product

Outer Product

$u \cdot v$ is read “u dot product v” =

Think of this as matrix multiplication:

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Angle between 2 vectors:

If the angle between two vectors is 90° , the $\cos(90) = 0$ so...

If vectors are perpendicular, they are called **orthogonal**.