Vector

Vector addition:

* (x1,y1) (x2, y2)

= (x1+x2), (y1+y2)

Dot product:

* (x1, y1) (x2, y2)

= x1\*x2 + y1\*y2

Cross Product: (Clockwise – positive)

* X1\*y2 – y1\*x2