Vect-o-rama

**Consider the Vectors Listed Below:**

**A=**25m [39o below +x] **F=**12m **x +** 5.0m **y**

**B=**36m/s [57o below –x] **Gx=**0.0998m/s **Gy=**0.123m/s

**C=**98m [62o below –x] **H**= -4.5m **x** + 7.4m **y**

**D=**44m/s2 [ 78o N of E]  **I=**126m/s2 **y** + (-99.5m/s2) **x**

**E=**83m/s [ 11o W of S]  **Jy=**-8.50m **y Jx=**-165m **x**

1. Sketch each vector above.

2. Find the x and y components for vectors **A** through **E**.

3. Find vectors **F** through **J** in standard form.

4. Find a. **A+C** b. **C+A** c. **B+E** d. **D+E**

5. Find a. **A-C** b. **C-A** c. **B-E**

6. Find a. 2**D** b. -4**E**

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