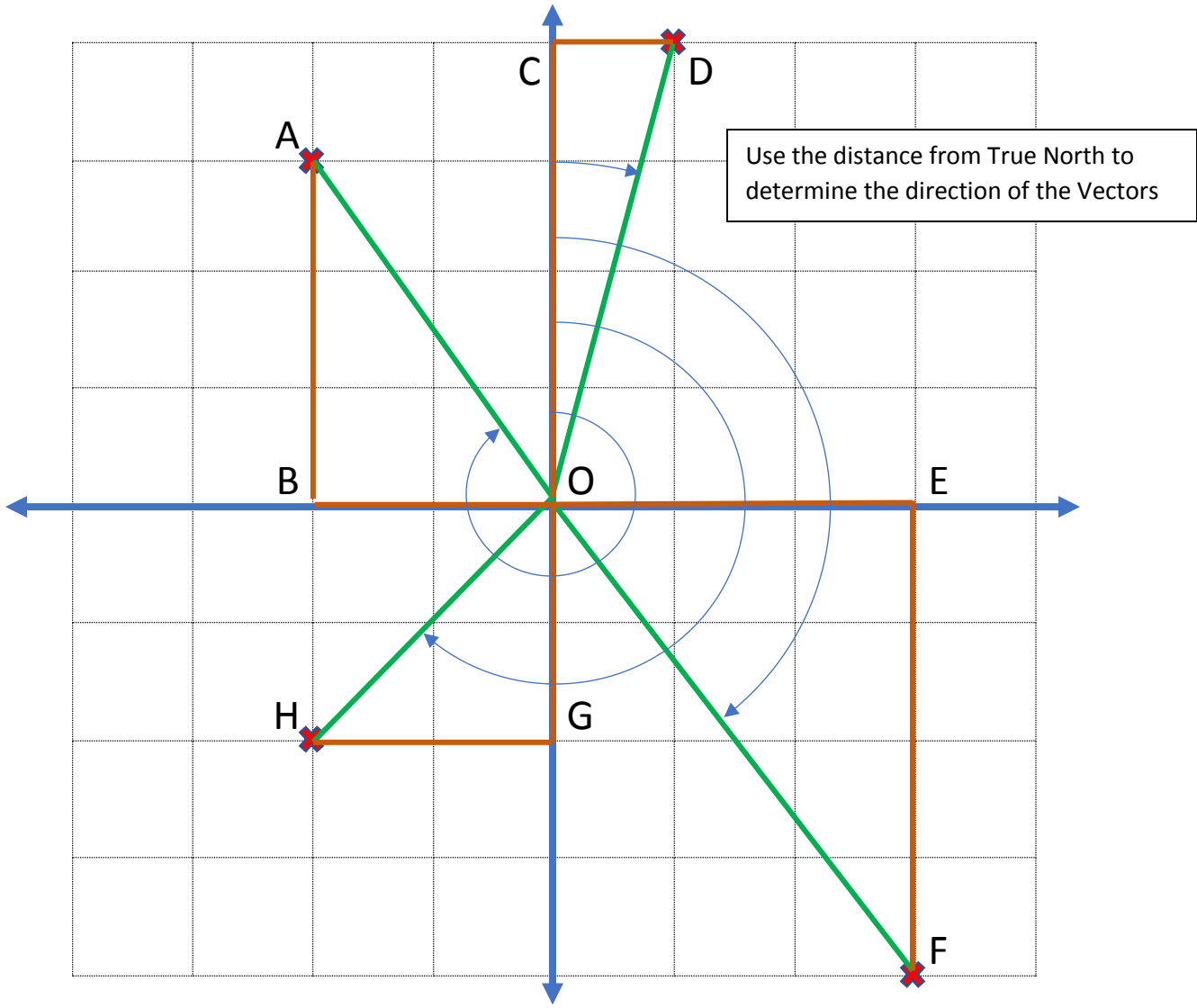


Name: _____ Date: _____ Period: _____



1. Vector \vec{AO}
 - a. Magnitude (length of \vec{AO}) $\sqrt{13}$ or 3.61
 - b. Direction (Angle from True North) $56^\circ + 270^\circ = 326^\circ$
2. Vector \vec{DO}
 - a. Magnitude (length of \vec{DO}) $\sqrt{17}$ or 4.12
 - b. Direction (Angle from True North) 014°
3. Vector \vec{FO}
 - a. Magnitude (length of \vec{FO}) 5
 - b. Direction (Angle from True North) $90^\circ + 53^\circ = 143^\circ$
4. Vector \vec{HO}
 - a. Magnitude (length of \vec{HO}) $\sqrt{8}$ or 2.83
 - b. Direction (Angle from True North) $180^\circ + 45^\circ = 225^\circ$

Note True Bearings use a 3 digit angle measurement, even for values < 100°