**Draw the following Vector Additions to Scale.**

**I**

1. **If a car traveling 25 m/s at 75 degrees collides with another that is traveling 55 m/s at 180 degrees, what is the resultant?**
2. **If an airplane is flying 250 m/s at 50 degrees and the wind is blowing 25 m/s @ 90 degrees, what is the resultant?**
3. **If a football player is running 15 m/s at 88 degrees hits another player who is running 22 m/s at 211 degrees, what is the resultant?**
4. **If an airplane is taking off with a velocity of 75 m/s at 48 degrees with a wind hitting it traveling 5 m/s at 125 degrees, what is the resultant?**