Resultant vectors using trig solutions

1. 26.6 @ 56˚
2. 30.8 @ 126˚ The angle you calculate with tan-1 is 54 inside the triangle, but the angle you must express is fromt eh positive x axis to the Vr.
3. 29.7 @ 228˚ the angle inside th triangle is 47˚but the angle you need goes all the way back to the x axis so 180 + 47
4. 37.5 @ – 48˚ (Quad IV) or 360 – 48 is 312˚