

Calculator problem

- 1) Find the magnitude and direction (in standard position) of the vector  $\langle -10.0, -14.0 \rangle$ .
- 2) Find a unit vector in the direction of  $\langle -26.0, 19.0 \rangle$ . Write answer as a decimal to 3 places.

Ans

1) magnitude = 17.2, direction =  $234.5^\circ$

2)  $\langle -0.807, 0.590 \rangle$