

ERTH 465
Fall 2017

Name _____

Inclass Exercise #1: Computing Wind Components
50 points; Turn in at End of Class Period

1. What are the u and v components of a wind with a meteorological direction of 320 and a speed of 10 m/s?

320 = wwd; 10 m/s ws

2. What are the u and v components of a wind with a meteorological direction of 150 and a speed of 18 m/s?

150 = wwd; 18 m/s ws