Cycle 17 2D Motion Cycle 17 2D Motion Name: Name: 1. Resultant V 1. Resultant V current The boat travels 80 m up the river against current velocity The boat travels 80 m up the river against the current. velocity = 3 m/sthe current. = 2 m/sResultant Velocity V = _____. Resultant Velocity V = _____. 80 m 80 m The boat travels 80 m down the river with The boat travels 80 m down the river with the current. the current. Resultant Velocity V = _____. boat Resultant Velocity V = _____. boat velocity velocity = 5 m/s= 6 m/sjet velocity jet velocity = 100 m/s= 100 m/swind velocity = 50 m/swind velocity = 20 m/s300 m 240 m The jet travels 300 m The jet travels 300 m The jet travels 240 m The jet travels 240 m with the wind. against the wind. against the wind. with the wind. Resultant Velocity V = _____. Resultant Velocity V = _____. Resultant Velocity V = _____. Resultant Velocity V = _____.