Name _____ Date _____ **Drawing Vectors - Matching Worksheet** Write the letter of the answer that matches the problem. Draw the indicated vector and show the components into which it is resolved. 3.5 km 1. Pilot Alice is taking off from the а. landing area. The plane proceeds 8 km at 65° southeast. 8 km b. 2. Andrew walks 700 meters at 70° degrees the northeast. C. 50 m 3. Austin moves his boat at 120° west of north and sailed 20 km. d. 4. Benjamin is going to watch a 700 m movie. The theatre is 3.5 km from his residence and at 20° degrees northwest. 20 km 5. Jack is swimming in Lake. He e. swims at 32° northwest. He swims at least 250 m.