1. April boards a Ferris wheel at the 3 o'clock position. The Ferris Wheel has a radius of 36 feet. The center of the wheel is 40 feet high. Find April's height above the ground when she is at several different angles of rotation using your calculator and the sine button. Explain why your calculations give her height at those points.

"Worksheet: Trigonometric Concepts, Lesson 7, Episode 2" by MathTalk is licensed under CC BY-NC-SA 4.0