

## Question of the Day

A wheel of **radius  $r$**  rolls *without slipping* and has **velocity** 0.8 in/s and **angular velocity** 1.0 rad/s. What **point(s)** on the wheel has **zero velocity**?

A wheel of **radius  $r$**  rolls and *slips on ice* and has the same **velocity** 0.8 in/s but an **angular velocity** 2.0 rad/s. What **point(s)** on the wheel has **zero velocity**?

