

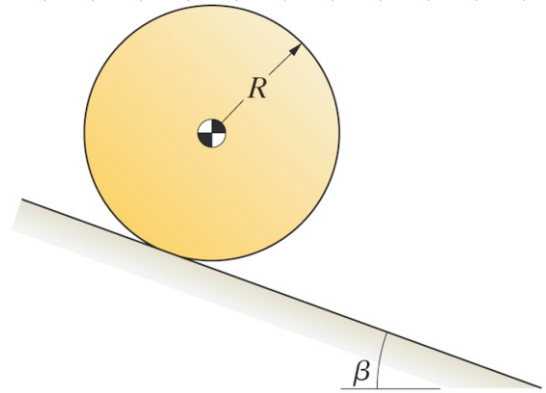
NAME

DATE

**HANDOUT**

**GIVEN:** THE CIRCULAR DISK WITH RADIUS  $0.2m$  AND MASS EQUAL TO  $100\text{ kg}$  IS RELEASED FROM REST ON THE INCLINED SURFACE ( $\beta = 10\text{ deg}$ ). DETERMINE THE ANGULAR ACCELERATION OF THE DISK AS IT ROLLS DOWN THE RAMP.

**REQUIRED:**



**SOLUTION:**