

1. e
2. c
3. a (nothing is touching the coin so the only force acting on it is the gravitational force due to its interaction with Earth and that doesn't change during the flight)
4. 1.28 s (first use newton's second law to show that the normal force must balance the gravitational force; then use the normal force to determine the friction force; then use newton's second law again to determine the time it takes to stop)