In[118]:=
```
(* Coin flip, problem 3 *)

(* Assumption: Coin radius is 1, height is 1 *


(* Time to go back to initial height *)
```

In[191]:=
```
timeFunction[v_] := 2 v / 9.8
timeFunction[4.5]
```

Out[192]=
```
0.918367
```

In[193]:=
```
(* Angular velocity is in radians *)
(* converts angular velocity to degrees per second *)
angularToDegrees[a_] := a * (180 / Pi)

(* Function to find where the coin is roated once it falls back into initial height *)
finalDegrees[a_] :=
```